# Mary Washington College

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Mary Washington College does not discriminate in recruiting, admitting, or enrolling students on the basis of race, color, religion, physical disability, national origin, political affiliation, marital status, sex, or age. Questions should be directed to the Vice President and AAEEO Officer, Mary Washington College, Box 3575 College Station, Fredericksburg, Virginia 22401.

Mary Washington College is accredited by the Southern Association of Colleges and Schools.

The College is a member of:
The Southern University Conference
The American Council on Education
The Association of Virginia Colleges
The College Entrance Examination Board
The University Center in Virginia

Honorary academic organizations with chapters on campus include:
Phi Beta Kappa (academic achievement)
Mortarboard (leadership, scholarship and service)
Chi Beta Phi (achievement in the sciences)

Women graduates are eligible for membership in the American Association of University Women.

For answers to questions about Mary Washington College, to apply for admission, or to arrange interviews and tours, please contact:

**H. Conrad Warlick**
**Dean of Admissions and Financial Aid**
**Mary Washington College**
**Fredericksburg, Virginia 22401**
**703/373-7250 ext. 281**

Mary Washington College — named for the mother of the father of our country — is a link to our country's beginning and a stepping stone to its future.

Located on the site of one of the major Civil War battles, Mary Washington College is a study in contrast. Steeped in history, the College is preparing young men and women for their roles in the 21st century. At Mary Washington College you will find up-to-date instruction in computer science, nuclear physics and atomic chemistry.

At the same time, you can step back two hundred years to the days of America's founding fathers when you stroll through nearby Kenmore — home of George Washington's sister — or browse in the James Monroe Museum and Memorial Library, now administered by the College.

But Mary Washington College is much, much more. Mary Washington is the only small, public, residential, coeducational, liberal arts college in Virginia.

**Small, Public.** Small, we think, is more a feeling than a number. Mary Washington has 2,415 students and a faculty of 134. That's large enough to support a healthy diversity of backgrounds and interests, and maintain strength in the academic program. It is not large enough to encourage impersonality. The sense of community on Mary Washington's campus is enhanced by its location. Most student social life and much community intellectual life revolve around the campus.

At Mary Washington we think quality is equal to excellent teaching plus small classes plus personal attention. This simple formula, which describes our overall philosophy, has made Mary Washington the choice for many students who are looking at advantages often associated with private institutions.

**Residential.** Mary Washington has 17 residence halls, none of which holds more than 180 students. All offer the recreational and living amenities you would expect at a good, small college. There is everything from an indoor swimming pool to a 53-bed infirmary on campus.

Informal social life centers around Ann Carter Lee Hall. The College Shop, a place to eat and socialize with friends; the nonresidential students' lounge, and the bookstore are found here. There is at least one formal dance on campus each year. Otherwise, it's mixers, parties, movies, rock, disco, and bluegrass. There are no social fraternities or sororities.

The College sponsors an annual concert series with visits from major orchestras, dance companies, and theater groups. The Department of Drama gives four plays and a series of laboratory productions each year; the College Chorus, the College-Community Symphony Orchestra and other musical groups give concerts and recitals, and the Dance Company performs once each semester.

The Student Handbook covers most aspects of life at Mary Washington. As a candidate for admission you can obtain a copy by writing to the Office of the Dean of Student Services.

**Coeducational.** In 1970 Mary Washington began accepting male students. During the 1977-78 academic year, there were about 350 men on campus. As the College's efforts increase to make young men aware of Mary Washington as a coeducational institution, their number on campus will continue to rise. There are now two upperclass, coeducational residence halls housing men on the lower floors and women on the upper floors. Freshmen residence halls are all-male and all-female.

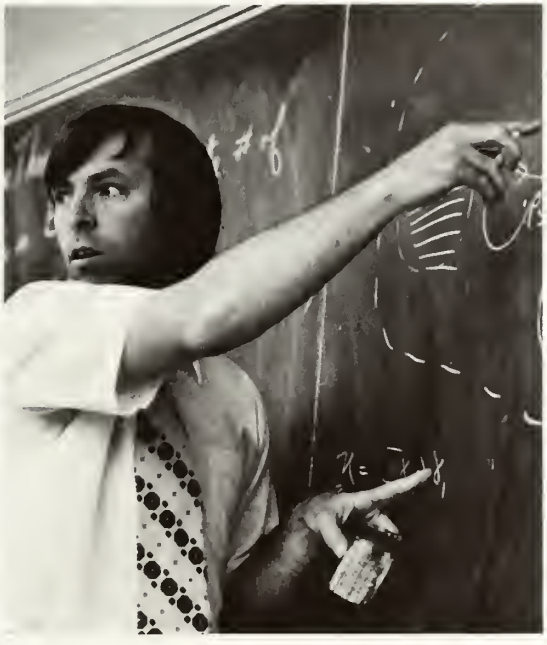
Mary Washington has men's intercollegiate teams in basketball, golf, soccer, and tennis. The program grows as the number of men on campus increases. Women have intercollegiate teams in basketball, golf, field hockey, lacrosse, swimming, tennis, and volleyball. A modern physical education building provides a basketball gymnasium, dance studios, an intercollegiate swimming pool with one and three meter boards, an auxiliary gymnasium, a 16-station weight training machine, a handball-racketball court, and a multi-purpose activities room. Outdoors are fields for soccer, hockey, lacrosse, and flag-football. A new 10-court tennis complex, track, and golf driving and putting area complete the athletic facilities.

The Recreation Association sponsors trips, classes, clinics, intramurals, and clubs for hikers, fencers, riders, and swimmers.

Most academic departments have interest clubs or honoraries; there are also clubs for students interested in physical therapy, medical studies, and international relations. There are Afro-Americans, Young Democrats, Young Republicans, and off-campus branches of student religious organizations. Students produce three regular publications — a weekly newspaper, a yearbook, and a literary magazine.

**Liberal Arts.** Students at Mary Washington receive a broad education in the liberal arts,

complemented by intense study in a particular field. The College provides a program of academic and career counseling, beginning with the first semester of the freshman year. Also, each department designates one faculty member as a counselor on careers. An academic internship program offers opportunities to earn up to twelve semester hours of credit for off-campus work. Adults, who wish to begin a college education or to continue interrupted studies, may apply to the Bachelor of Liberal Studies Program and proceed at their own rate toward graduation.



Because students are admitted to Mary Washington with the understanding that they are academically able and personally mature, the College offers them both freedom and responsibility. Students have much leeway in choosing their programs at Mary Washington, but all are demanding; even the best prepared student is likely to find the freshman year academically difficult. There are no "cut rules" or enforced study hours. But there is help.

The Mary Washington College faculty is a teaching faculty. Full professors teach at all levels. They are available for supervision of individual study, for advising, and for informal consultation. Most classes have fewer than 25 students. A few courses have as many as 60, but these students also meet in small labs or discussion groups. Teaching methods vary, but most classes are lecture-discussion or seminar.

**In Virginia.** The 275-acre campus stands on Marye's Heights, the site of the Civil War Battle of Fredericksburg. The town, located on the fall line of the Rappahannock River, was the center of several eastern campaigns of the Civil War. In the Colonial period, it was the boyhood home of George Washington, and a favorite meeting place of the founding fathers.

Today, Fredericksburg is near the center of the east coast megalopolis, halfway between Richmond and Washington, D.C. There are three major airports within fifty miles (National, Dulles, and Richmond). Trailways and Greyhound buses stop almost every hour at the Fredericksburg station, two blocks from campus. Interstate 95 is the major north-south route.

Ringed with shopping centers, the town retains much of its early charm, and offers an easy, gracious life style. The campus is within walking distance of downtown, allowing students to shop and participate in community activities.

# Program of Studies

Mary Washington College selects qualified students and maintains a competent faculty and staff. Four broad degree programs, 29 majors, numerous special majors, and an alternate degree program offer Mary Washington College students much leeway in setting and attaining lifetime goals.

## Bachelor of Arts, Bachelor of Science, Bachelor of Science in Medical Technology

Degree requirements in these programs are stated in terms of attaining certain goals, not in terms of specific courses. Thus, to meet basic college requirements, the student investigates four broad areas of the liberal curriculum: literature, humanities, social science, and natural science and mathematics. Students specialize by taking eight to 12 courses in one subject area, which constitute a major program.

Although students are required to major in an academic discipline, they may also work toward a specific career or professional goal. Both major programs and career opportunities are outlined in the following sections.

Basic requirements and the major account for about half of the four-year course of study. Though students decide individually how best to fulfill the other half of their undergraduate curriculum, the College encourages a rich and diverse total program. Some options open to the student are individual study, student-designed special majors, pass/fail courses, internships and double majors.

Making decisions is an integral part of the educational process at Mary Washington. While faculty members help students select courses and major fields of study, the final decisions are the student's own.

**Degree Specifics.** The specific degree is determined by the choice of major program. All three degrees require 122 semester credit hours, distributed in five categories: basic requirements, diversification, major program, electives, and physical education. No course may be scored in more than one category, and all students must demonstrate competence in English composition and in a foreign language. A quality-point average of 2.00 on all Mary Washington College course work is also a degree requirement.

**Basic Requirements.** Courses totaling at least six credits are required in each of the following areas:

*Literature (L)* — literature courses in classics, English, modern foreign languages

*Humanities (H)* — appropriate courses in American studies, art, classics, dance, dramatic arts, music, philosophy, religion, speech

*Social Science (S)* — appropriate courses in American studies, anthropology, economics, foreign language, geography, history, political science, psychology, sociology

*Natural Science and Mathematics (N/M)* — appropriate courses in astronomy, biology, chemistry, computer science, geology, mathematics, physics, statistics

Courses which may be taken to satisfy the basic requirements are identified in the course listing by letters (L), (H), (S), or (N/M). These symbols refer to the area divisions explained above. The content of the course, rather than the department in which it is taught determines its placement in one of the four area divisions.

**Diversification.** At least one-third (40 credits) of the courses required for graduation must be taken in a subject or subjects other than the major subject. These are in addition to courses taken for basic requirements. Degree programs based on the minimum of 122 hours can have no more than 45 per cent (55 credits) of the total degree program in the same subject, unless they have been approved as an Alternate Degree Program for greater concentration (see below). Students in interdepartmental majors may use any course for diversification.

**Major Program.** Up to one-third (a maximum of 40 credits) of the degree program may be required in the major program. At least three-quarters of the major program must be fulfilled by courses taken at Mary Washington College; a quality-point average of 2.00 on these courses is required.

**Electives.** Additional courses must be taken to complete a total of 120 semesters hours credit, exclusive of the required one year (two credits) in physical education.

**Physical Education.** Each student is required to take two credits of physical education or studio dance.

**Demonstration of Competence.**
*English Composition.* Each student must demonstrate competence in English composition. This is usually accomplished by the succussful completion of English 101, Writing Workshop, but also may be satisfied by certification from the English Department.

*Foreign language.* Each student must demonstrate competence equivalent to the completion of the intermediate level college course in a foreign language, modern or ancient. Students who do not have four high school units through the fourth-year level of one language will be required to complete the intermediate course and its prerequisites, unless excused by the Department of Modern Foreign Languages or the Department of Classics.

## Alternate Degree Program

Students with exceptional backgrounds and special interests may apply for the Alternate Degree Program, which allows greater concentration than the regular degree program. In an alternate degree program, up to one-half of the total program may be taken in a major subject; up to three-quarters of the total program may be taken in a single area, as defined under basic requirements, but at least one quarter of the total program must be taken in an area other than that which includes the major subject. Students interested in the alternate degree program should apply before the beginning of the junior year to the Committee on Special Degree Programs.

## Major Programs

The College offers four types of major programs: the Departmental major offered by the individual academic department; the Interdisciplinary Major, requiring courses in several academic departments; the Cooperative major, in which the student spends the fourth year at another institution but receives a degree from Mary Washington; and the Special Major, in which the student structures a major in consultation with a faculty adviser.

Students must declare their majors in the Office of the Assistant Dean for Advising upon completion of 43 credit hours. Specific requirements for all major programs are also available in this office.

**Departmental majors**

Art (Studio)
Art (History)
Biology
Chemistry
Classics (Latin)
Dance
Dramatic Arts
Economics
English
French
Geography
Geology
German
History
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Religion
Sociology
Spanish

**Interdisciplinary Majors**

American Studies
Classical Civilization
International Affairs
Russian Studies

**Cooperative Majors**

Medical Technology
Speech Pathology

**Special Majors**
The student and the faculty adviser work out an individual program by utilizing courses from two or more departments which define a field of concentration. This major must be approved by the Committee on Special Degree Programs during the final semester of the student's sophomore year. Current Special Majors include general liberal arts and science programs in Medieval Studies, Linguistics, Classical Archaeology, Italian Studies, Asian Studies, Ibero-American Studies, Urban Affairs, and Written Communication.

## Bachelor of Liberal Studies

In addition to the Bachelor of Arts and Bachelor of Science degrees, the College offers the Bachelor of Liberal Studies degree for men and women 24 years of age and older who have a strong desire to consummate their learning in a baccalaureate degree. Learning acquired through life and work may be converted to college credit, and credit previously earned in other institutions may also apply toward this degree.

The candidate for the Bachelor of Liberal Studies degree works closely with a faculty mentor, and an individual program is designed which incorporates the student's past experience and present goals. These students proceed at their own pace toward completion of the program.

**Degree Specifics.** The Bachelor of Liberal Studies degree requires 120 semester credit hours, distributed in three categories: general education, electives, and core area. No course may be scored in more than one category. The student must demonstrate competence in English and earn at least 30 credits in graded classroom courses. At least 30 credits must be taken under the auspices of Mary Washington College after admission to the program. A quality-point average of 2.00 on all Mary Washington College course work is also required. Some students are required to complete BLST 0100, Orientation Seminar (one credit), an introduction to study skills. Others may wish to enroll in BLST 0101, Portfolio Development (one credit), for assistance in developing portfolios that document learning gained through life and work for the possible conversion to academic credit.

**General Education.** Courses totaling at least six credits are required in each of the following areas:
*Humanities* — art history, classics, drama, film and photography, literature, music, religion, philosophy
*Social Science* — economics, geography, history, political science, psychology, sociology
*Natural Science and Mathematics* — astronomy, biology, chemistry, geology, mathematics, physics
*Communication Arts* — computer language, creative writing, foreign language, performing arts, speech, studio art

**Electives.** A maximum of 56 credits may be taken in electives.

*Competence in English Composition.* Each student must demonstrate competence in English Composition. This may be accomplished by completing English 101, Writing Workshop, or by certification from the English Department.

**Classroom Experience.** At least 30 credits must be earned by direct classroom experience at Mary Washington or at another institution.

**Residence Credit or Equivalent.** Thirty semester hours must be completed after admission to the Bachelor of Liberal Studies Program at Mary Washington, or in a program supervised or approved by the College at another institution.

**Core Area.** At least 40 credits must be taken in a core area, which consists of a coherent group of subjects organized in such a way as to create a specialty or concentration. A regular liberal arts major offered by the College may be used, or an interdisciplinary selection may be made from the offerings of several departments. A quality-point average of 2.00 on courses counted in this area is required for the degree.

## Academic Internships

The College offers a program of academic internships in which qualified juniors and seniors work in off-campus positions. Cooperating academic departments supervise the interns and award up to 12 hours of academic credit for the learning experience.

Recent placements include research with the Federal Reserve Bank and the National Archives, work as an auditor with Best Products, preparation of geologic maps for the National Geologic Survey, comprehensive exposure to banking at the National Bank of Fredericksburg, and political research for the syndicated columnists Evans and Novak.

# Career-Oriented Programs

Though the College encourages each student to develop a diverse academic program with broad potential, it also recognizes the student's need to plan for a specific career. To meet this need, a number of career-oriented concentrations have been developed to provide a general background for specialized fields within the College's liberal arts framework.

### Teacher Certification

Both the Virginia State Department of Education and the National Association of State Directors of Teacher Education and Certification have approved the teaching education programs at Mary Washington College. Students who complete an approved program qualify for certification in all the states with which Virginia has a reciprocity agreement. See also departmental offerings, Department of Education.

### Cartography

*Assistant Professor Gouger, Program and Career Adviser*

This program is sponsored by the Department of Geography. The career pattern consists of courses dealing with various aspects of map construction and meets or exceeds federal requirements for cartographers. Completion of the program qualifies the student for cartographic positions in industry as well as in local, state, and federal government. The department plans to expand the program to include photogrammetry, remote sensing, and computer mapping.

### Health Sciences

*Associate Professor Friedman, Program and Career Adviser*

The College is expanding its preparatory programs in the Health Sciences to meet the demands of this fast-growing and increasingly specialized field.

Students planning to enter medicine, dentistry or veterinary medicine may select any major. During their freshman year at Mary Washington, they must give careful attention to the admission requirements of professional schools. Faculty advisers will guide students in choosing courses which meet admission requirements of selected schools and prepare them for professional qualification examinations in their fields. Admission to professional institutions is, of course, very competitive and depends on academic performance, personal interview, and scores on the qualifying examination.

Students interested in medical technology earn a Bachelor of Science in Medical Technology degree by taking their first three years at the College and the fourth year at a cooperating institution. Individual programs of study at the College are determined by the students and the program adviser with regard for the prerequisites named by the cooperating institution.

The major program in speech pathology and audiology is offered in cooperation with the University of Virginia. Students complete their first three years at the College and spend their fourth year in residence at the University of Virginia, earning a Bachelor of Arts degree from Mary Washington College. Full details on this program are available from the chairman of the Department of Speech.

### Communications

*Associate Professor Lutterbie, Program and Career Adviser*

The career pattern consists of courses which highlight the theory and history of communications as well as the practical skills needed for careers in diverse media.

### Law

*Assistant Professor Campbell, Program and Career Adviser*

This program provides guidelines for students interested in entering law school. There is no standard pre-law curriculum at the College. The Program Adviser assists students in selecting courses which meet their individual needs and provide the foundation for acquiring skills necessary to the legal profession. The career pattern includes courses in written and oral communication, and courses which help develop the reasoning process.

# Support Services

A student's total education consists of much more than attending classes. Students at Mary Washington College are encouraged to explore and create. Resources are available for them to research, discover and manipulate. The library becomes an integral part of the student's education and is the focal point for all scholarly research and study. A vast collection of audio-visual equipment is available for faculty and student use, and a recently acquired computer system has streamlined the registration process.

The Audio-Visual Center, located in Chandler Hall, offers audio and video taping facilities, photography, slide production, loan and repair of A-V equipment, and graphic production. The center's staff oversees the operation of the George Washington Hall stage facilities.

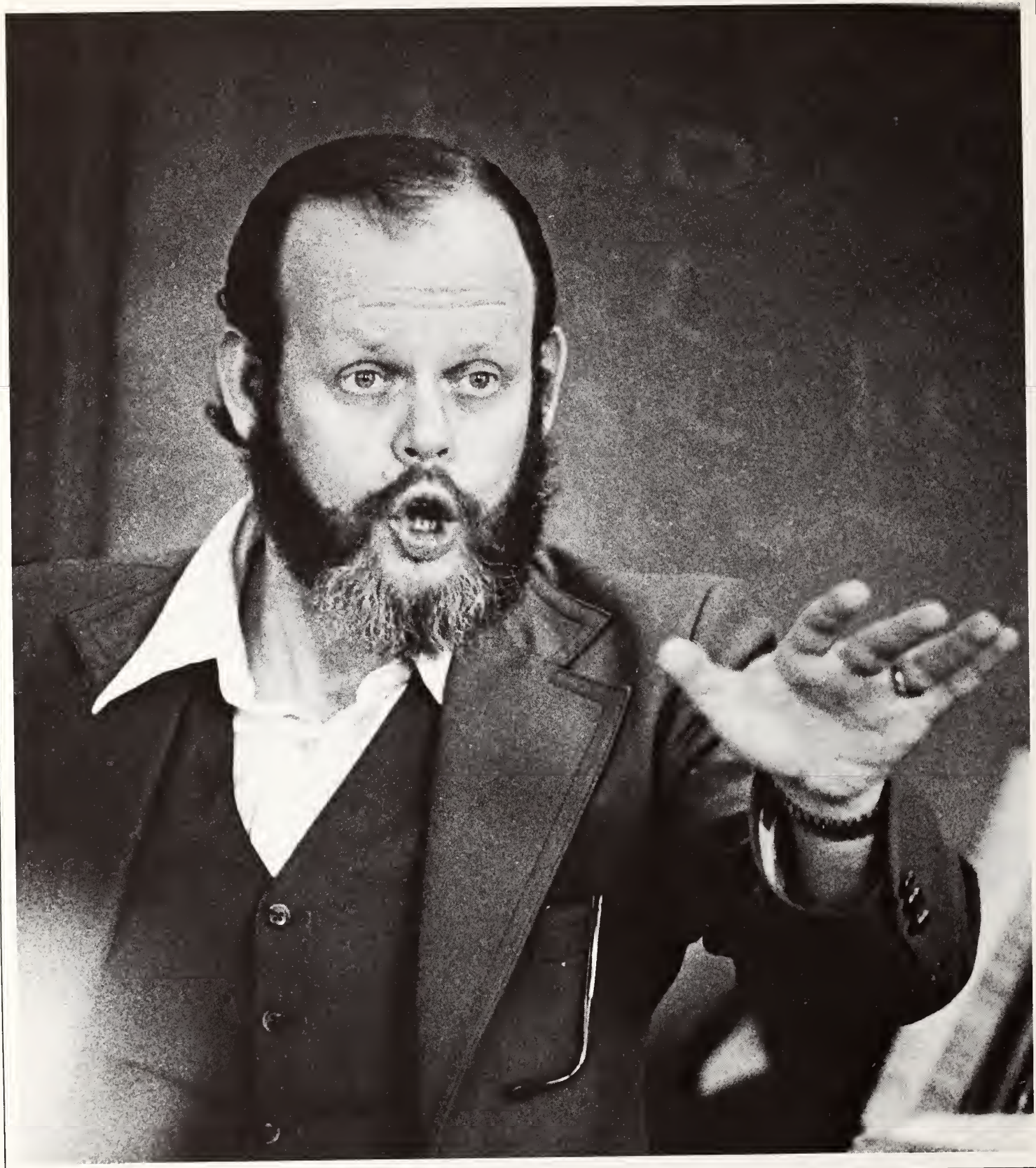
Faculty and qualified students may borrow tape recorders, record players, sound systems, microphones, cameras, movie projectors, slide projectors and video equipment from the A-V Center. Equipment and film rental catalogs are also available in the center. The staff offers technical assistance between the hours of 8 a.m. and 5 p.m. Monday through Friday.

A Hewlett Packard 3000 Series II Computer system was recently installed in the college's administrative building to handle student financial and record keeping operations. Although the computer's primary function is administrative, it is also being used as an instructional tool in courses taught by several academic departments. The ability to simultaneously support both academic and administrative applications is one of the strengths of the new system.

The E. Lee Trinkle Library, named after the man who served as Governor of Virginia from 1922-1926, has one of the finest collections for undergraduates in the Commonwealth. The resources include more than 250,000 cataloged volumes, 1,160 current magazine and newspaper subscriptions, and additional collections in microfilm, including the *New York Times* from its beginning date of 1851 to the present time and the *Fredericksburg Free Lance Star* from 1926. As a United States Federal Government depository since 1940, the library receives approximately 4,000 documents annually.

The Daniel H. Woodward Rare Book Room houses a collection of nearly 1,500 unique, rare, or very valuable works. Among the holdings is an incunabulum, a 1496 printing of Pliny's *Naturalis Historia.* A special collection of first and scarce editions of James Joyce's writings and another of the works of Claude Bernard, the 19th century physiologist, are numbered among the items in the Woodward Collection. More recently, efforts have been made to build special collections of first editions of Willa Cather, Ellen Glasgow, and William B. Yeats.

The building, one of the most beautiful on campus, was erected in 1941. An addition, constructed in 1963, provided extra stack and seating space. Although the beauty of the original structure has been preserved, the floors have been carpeted and new lighting installed. A variety of seating is provided, including individual study carrels. A typing room furnished with typewriters is provided for students at no charge. Copying service is available in the building at a nominal cost. The Library is open 92 hours each week during the regular session. During those hours a professional librarian is on reference duty 80 hours.



# Courses

At Mary Washington, more than 1,000 courses are offered from which students choose approximately 40. This section of the catalog briefly describes each course offered at Mary Washington.

The names of faculty members teaching in the department are given at the beginning of each departmental listing. The chairman is the administrative head of the department. The career adviser is responsible for counseling majors about career opportunities.

Course titles and numbers are given in bold-face type, followed in parentheses by the number of semester credit hours. At the right-hand margin is a capital letter in parentheses indicating how the course may be scored toward degree requirements: (L) — Literature; (H) — Humanities; (S) — Social Science; (N/M) — Natural Science and Mathematics. If no designating letter in parentheses appears, the course may usually count only toward electives or diversification.

In some course listings information is given concerning the year or semester during which the course is taught. Since the course offering varies from semester to semester, the student should consult the schedule of courses, issued prior to the beginning of each semester, for specific semester offerings. The schedule of courses also gives the number of class meetings per week, the time and place of classes, and the name of the instructor. Before enrolling in a course the student should check the listed prerequisites.

Course offerings are divided into lower level (100 and 200) and upper level (300 and 400). Courses numbered 100 through 199 are usually regarded as elementary or introductory. Courses numbered 200 through 299 usually assume prior study or some competence in the subject, either in secondary school or in college. Courses numbered 300 through 499 are advanced courses and usually assume either previous course work or special competence in the field. Courses numbered 500 are internships.

Continuous courses, where two semesters are listed in sequence, are of three types:

if the two semesters are linked with a hyphen, the course is a year course for which no credit toward graduation is given for the first semester until the second semester is successfully completed;

if the two semesters are not hyphenated but the course description says "only in sequence," the material covered in the second semester depends upon the first semester. The two semesters must be taken in sequence, but credit for the first semester is not contingent upon completion of the second semester;

if the two semesters are neither hyphenated nor designated only in sequence, one or both semesters may be taken in any order.

Individual study courses offer learning opportunities in areas or subjects not covered by regular courses.

# American Studies

(Interdisciplinary Major)

Professor Thomas, Program and Career Adviser

The American Studies program is designed to provide students with a flexible, interdisciplinary approach to the study of American society. Work taken in other fields, history, social science, literature, and the fine arts, provides the background for the four core American Studies seminars. Designed to be taken in the junior and senior years, the seminars help students unite departmental courses into a manageable, integrated understanding of American culture.

While the seminars range broadly over the course of American history, their emphasis is upon the late 19th and 20th centuries, with the aim of disclosing major characteristics of our advanced technological society, clarifying its values and assumptions, and relating the present to the past and future. The seminar method of instruction, which is central to the program, offers each student ample opportunity to participate fully in the learning process. The stress upon individual involvement and the program's interdisciplinary approach should appeal to students interested in a liberal undergraduate education.

The American Studies major provides a background for students interested in teaching, journalism and communications, law, library science, museum work, and other kinds of public service.

**301 — Issues in Contemporary American Culture (3)**

An examination of selected current issues in American culture. Specific issues will vary from year to year.

**302 — The Fine Arts in America (3)**

Examples of modern music, dance, and drama are studied to illustrate the role of fine arts in American culture.

**401 — Mass Media and American Culture**

A study of the uses and influences of mass media in shaping social values. Emphasis on television and journalism.

**402 — Impact of Darwin and Freud on American Thought (3)**

An examination of the influences of social Darwinism and psychoanalytic theory of 20th century American thought.

**491, 492 — Individual Study (3, 3)**

Directed individual research on problems in American studies, as approved by the Program Adviser.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Program Adviser. Credits variable.

# Anthropology

See Sociology and Anthropology

# Art

Associate Professor Meyer, Chairman; Professors King (Art History Career Adviser), Muick, Oliver; Associate Professors Hara, Lamph (Studio Career Adviser); Assistant Professor DiBella; Instructor Dreiss.

To foster the study and practice of the fine arts, the Art Department offers traditional academic majors in studio art and the history of art.

The purpose of the studio art major is to teach fundamental skills, increase aesthetic sensibilities, and further the student's individual development in the following media: drawing, painting, photography, pottery, printmaking, and sculpture. The art history major explores in chronological sequence the entire span of Western art and its contribution to our cultural heritage. In addition to slide lectures and the availability of an exceptional art library, students regularly take faculty-supervised tours to museums in Washington, D.C., Baltimore, and Richmond. An internship program provides opportunities for work experience prior to graduation.

There are career opportunities for art majors in graduate studies, the fine arts, museum and slide curatorships, historic preservation, teaching, restoration, editing, gallery work, and medical and technical illustration.

## ART HISTORY

**114, 115 — Introduction to the History of Art (3, 3)** (H)

Survey of Western architecture, sculpture, and painting; Art 114, prehistoric to 1400; Art 115, 1400 to the present. May be taken only in sequence.

**220 — History of Graphics (3)** (H)

Prerequisites: Art 114, 115. The history of European prints and printmaking from the 15th century to the present.

**310 — Greek Art (3)** (H)

Prerequisite: Art 114. Development of Greek art from the early Iron Age through the Geometric, Archaic, Classical and Hellenistic periods.

**311 — Roman Art (3)** (H)

Prerequisite: Art 114. Roman art from the Italo-Etruscan period to the end of the Roman Empire.

**320 — Byzantine and Early Medieval Art (3)** (H)

Prerequisite: Art 114. Development of Christian art in the Eastern and Western Empires through the first Golden Age of Byzantine art and the reign of Charlemagne to the year 1000.

**321 — Medieval Art in France and England, 1000 to 1400 (3)** (H)

Prerequisite: Art 114. Sources and formulation of medieval art in northern Europe through the Gothic style in architecture, sculpture, and manuscript illumination.

**322 — Medieval Art in Byzantium and Italy, 1000 to 1400 (3)** (H)

Prerequisite: Art 114. The second Golden Age of Byzantine art and the painting and sculpture of the Italian Proto-Renaissance.

**330 — Northern European Art, 1400 to 1600 (3)** (H)

Prerequisites: Art 114, 115. Painting in the Lowlands, France and Germany from the late medieval period through the 16th century.

**331 — Italian Renaissance Painting (3)** (H)

Prerequisites: Art 114, 115. Painting of the Italian Renaissance; its origins in the social and intellectual climate of the period.

**332 — Italian Renaissance Architecture and Sculpture (3)** (H)

Prerequisites: Art 114, 115. Major developments in architecture and sculpture in Renaissance Italy including the historic and theoretical bases for these arts.

**340 — Northern Baroque Art (3)** (H)

Prerequisites: Art 114, 115. 17th century art in the north of Europe with emphasis on Rubens, Rembrandt, landscape painting, Versailles.

**341 — Italian Baroque Art (3)** (H)

Prerequisites: Art 114, 115. Painting, architecture, and sculpture of 17th century Italy; Caravaggio, Bernini, Borromini, the Baroque ceiling.

**342 — Eighteenth Century Art (3)** (H)

Prerequisites: Art 114, 115. Concentration on the French Rococo, its influence on Continental and British art and its evolution into Neoclassicism.

**343 — Georgian Art (3)** (H)

Prerequisites: Art 114, 115. British art and aesthetics; portraiture, landscape painting and gardening, Palladianism, Britain as a font of Romanticism.

**350 — Nineteenth Century Art (3)** (H)

Prerequisites: Art 114, 115. Emphasis on French painting and sculpture through Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism.

**351 — Twentieth Century Art (3)** (H)

Prerequisites: Art 114, 115. Major movements in modern art.

**352 — Modern Architecture (3)** (H)

Prerequisites: Art 114, 115. Form, style, and technology as related to historical sources and selected individuals.

**410 — American Art (3)** (H)

Prerequisites: Art 114, 115. A review of American painting, sculpture, and architecture with emphasis on the 19th and 20th centuries.

**470 — Special Studies in Art History (3)** (H)

Prerequisites: Art 114, 115. Concentration in seminar format on an individual artist, specific problem, a limited time period, or an iconographic theme; for art history majors and other qualified students.

**491, 492 — Individual Study in Art History (3, 3)** (H)

Prerequisites: Art 114 and 115 and at least three chronological area courses in the major; for art history majors. Faculty approval of project; oral presentation and major paper.

**500 — Art History Internship** (H)

Supervised off-campus experience developed in consultation with the Department. Credits variable.

## STUDIO ART

**101 — Two-Dimensional Design (3)** (H)

Basic study of design elements (line, shape, texture, value, color) used in visual communication, both figurative and non-figurative.

**102 — Three-Dimensional Design (3)** (H)

Experiments in the use of materials and elements of design related to the development of three-dimensional structures.

**211, 212 — Life Drawing*(3, 3)** (H)

Prerequisite: Art 101. Various approaches to drawing the human body and other organic figurative and non-figurative imagery.

**231, 232 — Beginning Sculpture* (3, 3)** (H)

Prerequisites: Art 101 and 102. Study and construction of volume and mass, using plastic and carving media.

**241, 242 — Drawing and Composition* (3, 3)** (H)

Prerequisite: Art 101. Drawing from life. Abstract and figurative composition in various media.

**251, 252 — Pottery and Hand-Building (3, 3)** (H)

Practice in the use of the pottery wheel; exploration of forms and textures attainable through wheel and hand-building processes.

**270S — Painting and Drawing for Beginners (3)** (H)

Basic methods and techniques of realistic and abstract art. Investigation of light and dark color, line, composition, and design. May not be used to satisfy studio art major area requirement in painting.

**321, 322 — Printmaking* (3, 3)** (H)

Prerequisite: one year of drawing. Study of methods, materials, concepts of intaglio, lithography, relief, and silkscreen printmaking. Only in sequence.

**330 — Introduction to Photography (3)** (H)

Comprehensive orientation in darkroom techniques, uses of the camera, and other equipment. Emphasis on photography as a fine art.

**341, 342 — Advanced Sculpture* (3, 3)** (H)

Prerequisite: Art 231 or 232. Carving and constructive projects using a variety of media including stone, wood, and plaster.

**351, 352 — Painting* (3, 3)** (H)

Prerequisite: one year of drawing. Study of pictorial organization in various media

**381, 382 — Advanced Pottery* (3, 3)** (H)

Prerequisite: Art 251 or 252. Further exploration of wheel-thrown forms, hand-building processes and sculpture. Experiments with glazes and firing

**470 — Special Studies in Studio Art (3)** (H)

Special courses in an area of studio art selected by the Department after consultation with the students. Advanced students only.

**495, 496, 497, 498 — Individual Study in Studio Art (3 each)** (H)

Independent work under the supervision of a member of the studio art faculty. By permission only.

*Prerequisites can be waived at the discretion of the instructor.

# Astronomy

See Physics and Astronomy.

# Biology

Associate Professor Fuller, Chairman, Professors R. M. Johnson (Career Adviser), T. L. Johnson, Parrish, W. C. Pinschmidt, Jr.; Associate Professors Bass, Friedman, M. W. Pinschmidt; Assistant Professor Southworth; Adjunct Pofessor Cornman.

Biology majors must complete a minimum of 36 hours of biology including 121, 122, 441 or 342, 442, and 450. Students may develop a broad background or concentrate their studies in one of the following areas: botany environmental biology, genetics, human biology, physiology, or zoology. Department members can aid in designing other areas of concentration. Biology 481 and 491 offer opportunities to pursue studies beyond the scope of listed courses, in a different subject area, or for honors.

Laboratory work enables the student to learn techniques and obtain data which help support theories explored in lecture. Equipment and facilities available include a scanning spectrophotometer, an ultracentrifuge, respirometers, research-grade microscopes, tissue culture facilities, a radioisotope laboratory, equipment for ecological studies in aquatic and terrestrial habitats, physiographs, a phytotron, and an aquatic studies laboratory.

A student can design a major program to prepare him for graduate school or various professional programs. Career opportunities in industry or government agencies include laboratory and field work in ecology, physiology, pharmacology and systematics. Teacher certification and preparation for Health Sciences can also be pursued under programs listed elsewhere in this catalog.

**121 — Biological Concepts I (4)** (N/M)

An introduction to biological principles as they apply to plants and animals. Laboratory.

**122 — Biological Concepts II (4)** (N/M)

Survey of the plant and animal kingdoms with emphasis on morphology and taxonomy; survey of the human organ systems. Laboratory.

**202 — Heredity and Evolution (3)** (N/M)

Prerequisite: Biology 121. Principles of heredity, their application to evolutionary theory, and their social implications. For non-majors only,except by permission of Chairman. Laboratory.

**221 — Anatomy of the Chordates (4)** (N/M)

Prerequisite: Biology 121; recommended: Biology 122. A comparative study of the major systems of representative chordates. Laboratory.

**222 — Embryology of the Chordates (4)** (N/M)

Prerequisite: Biology 121; recommended: Biology 122. The development of representative chordates. Laboratory.

**231 — Botany (4)** (N/M)

Prerequisite: Biology 121, 122. Survey of the plant kingdom with emphasis on morphogenetic description, life histories, and evolutionary relationships. Laboratory.

**250 — Bioethics (2)**

Prerequisite: Biology 121. Selected topics considered from the standpoint of their biological consequences and ethical implications for man.

**251S — History of Biology (3)**

Prerequisites: Biology 121, 122. Chronological development of selected biological theories and their impact on contemporary biology.

**252 — General Ecology (3)** (N/M)

Prerequisite: Biology 121. A study of the relationships of plants and animals to their environment and the maintenance of balance in nature. For non-majors except by permission of chairman.

**271 — Microbiology (4)** (N/M)

Prerequisites: Biology 121, Chemistry 111, 112. Emphasis is placed on bacteria, their morphology, physiology, nutrition, and ecology. Laboratory.

**311 — Plant Ecology (4)** (N/M)

Prerequisites: Biology 121, 122. Ecological principles as applied to plants including major biomes, plant succession, competition, environmental parameters, and methods of data collection and evaluation. Laboratory.

**312 — Plant Physiology (4)** (N/M)

Prerequisites: Biology 121, 122. Experimental and theoretical treatment of the functional mechanisms in plants. Laboratory.

**321 — Invertebrate Zoology (4)** (N/M)

Prerequisite: Biology 121, 122. Survey of invertebrate phyla emphasizing structural characteristics, life histories and evolutionary relationships. Laboratory.

**322 — Animal Ecology (4)** (N/M)

Prerequisites: Biology 121, 122. The relationship between animals and their environment. Field and laboratory studies include observations of marine, fresh water, and terrestrial animals. Laboratory.

**323S — Entomology (4)** (N/M)

Prerequisite: Biology 121 or equivalent. Introduction to structure, function and ecology of insects. Students prepare insect collections. Laboratory.

**331 — Histology (4)** (N/M)

Prerequisite: Biology 121, 122. The preparation and study of animal tissues. Laboratory.

**342 — Human Genetics (4)** (N/M)

Prerequisite: Biology 121. Application to the human of the principles of heredity. Laboratory.

**351 — Laboratory Techniques (4)** (N/M)

Prerequisites: Biology 121, 122. Introduces students to instrumentation used in physiological experiments. The scientific method and experimental design are discussed.

**352S — Marine Biology (6)** (N/M)

Prerequisite: Biology 121, 122 or equivalent. The study of marine ecology, phylogeny, and behavior. Collections will include seining, dredging, and trawling in the Chesapeake Bay.

**360 — Cellular Physiology (4)** (N/M)

Prerequisites: Biology 121, 122 and Chemistry 111, 112. Principles of general and cellular physiology. Laboratory.

**361 — Comparative Physiology (4)** (N/M)

Prerequisites: Biology 121, 122 and Chemistry 111, 112. A comparative study of physiological systems in animals. Laboratory.

**362 — Comparative Endocrinology (4)** (N/M)

Prerequisite: Biology 121, 122 and Chemistry 111, 112. A comparative study of the endocrine mechanisms in vertebrates and invertebrates. Laboratory.

**372 — Parasitology (4)** (N/M)

Prerequisite: Biology 121. The structure, life histories, and host relationships of invertebrate parasitic forms. Laboratory.

**382, 383 — Human Anatomy and Physiology (4, 4)** (N/M)

Prerequisite: Biology 121. The structure and function of human organ systems. Laboratory.

**441 — Genetics (5)** (N/M)

Prerequisites: Biology 121, 122. The structure, function and transmission of genetic material. Laboratory. Open only to majors except by permission of Chairman.

**442 — Evolution (3)** (N/M)

Prerequisites: Biology 121, 122. Recommended for senior level students. The history and development of modern evolutionary thought. Open only to majors, except by permission of Chairman.

**450 — Seminar (1)** (N/M)

Prerequisites: Biology 121, 122. Readings, reports and group discussions on topics of historic and current biological interest. Open only to majors.

**481, 482 — Readings in the Biological Sciences (2, 2)** (N/M)

Readings in biological literature selected by the student. The student is guided by a staff member. Open to junior and senior majors by permission of Department.

**491, 492 — Research in Biology (3, 3) or (4, 4 for honors)** (N/M)

Prerequisite: Biology 481. Individual laboratory or field investigation supervised by a staff member Open to junior and senior majors with permission of Department.

**500 — Internship**

Prerequisite: junior or senior major in good academic standing with appropriate background. Supervised off-campus experience, developed in consultation with the department. Credits variable

# Chemistry

Professor Mahoney, Chairman (Career Adviser); Professors Cover, Wishner; Associate Professors Crissman, George ; Assistant Professor Gratz.

The Department of Chemistry offers a modern curriculum designed for the student planning to enter graduate or medical school, employment in industrial chemistry, secondary school teaching, or for the student desiring to study chemistry within the general framework of a liberal arts and science education. In addition, the Department has several courses which offer considerable opportunities for students in related fields such as the Health Sciences. By complementing their programs with course offerings in related fields, students may formulate a career-focused grouping, e.g., chemistry-mathematics/economics for chemical engineering and industrial chemistry; chemistry-biology for health sciences; chemistry-geology/physics for positions involving energy or environmental research.

In addition to the major program, the Department offers opportunities for students interested in medicine. See Health Sciences. The Department has well-equipped laboratories to support and reinforce classroom instruction. Facilities include ultraviolet, visible, infrared, nuclear magnetic resonance, atomic absorption and mass spectrometers, and gas chromatographs. Complete emission spectrographic and x-ray laboratories and computer facilities are also available.

**111, 112 — General Chemistry (4, 4)** (N/M)
Introduction to the fundamental principles of chemistry and the more important elements and their compounds. Laboratory. Only in sequence.

**205 — Essentials of Organic Chemistry (4)** (N/M)
Prerequisite: Chemistry 112. A general survey of carbon compounds including the study of their structure and reactivity. Laboratory.

**211, 212 — Organic Chemistry (4, 4)** (N/M)
Prerequisite: Chemistry 111, 112. Chemistry of carbon compounds based on structural theory. Laboratory.

**252 — Analytical Chemistry (4)** (N/M)
Prerequisites: Chemistry 111, 112 and Math 111 or equivalent. Theory and techniques of analytical chemistry including introductory instrumental methods of analysis. Laboratory.

**317, 318 — Biochemistry (3, 3)** (N/M)
Prerequisite: Chemistry 212. The application of chemical principles to the study and understanding of the living state.

**319, 320 — Biochemistry Laboratory (1, 1)** (N/M)
Prerequisites: Chemistry 212, 252. Selected research techniques involving the chemical composition and properties of cells, tissues and organisms.

**333 — Advanced Analytical Chemistry (4)** (N/M)
Prerequisite: Chemistry 252. Advanced wet chemical and electrochemical methods of analysis with applications in related science fields. Laboratory.

**343 — Inorganic Chemistry (3)** (N/M)
Prerequisite: Chemistry 111, 112. Modern theories of atomic structure and chemical bonding and their applications to molecular and metallic structures and coordination chemistry.

**383, 384 — Physical Chemistry (6)** (N/M)
Prerequisites: Chemistry 111, 112 and Physics 201, 202, Math 221. Thermodynamic, kinetic, quantum mechanical and spectroscopic properties of chemical systems.

**385 — Physical Chemistry Laboratory (3)** (N/M)
Prerequisite: Chemistry 252. Selected experiements involving measurements and evaluation of physicochemical properties of chemical systems.

**392 — Instrumental Methods of Analysis (4)** (N/M)
Prerequisite: Chemistry 252, 385. Principles and methods of optimization of instrumental methods used in characterizing chemical systems. Laboratory.

**411 — Advanced Organic Chemistry (3)** (N/M)
Prerequisite: Chemistry 212. Organic reaction mechanisms and the relation of molecular structure to physical and chemical properties.

**423 — Experimental Methods in Chemistry (5)** (N/M)
Prerequisites: Chemistry 212, 252. Spectroscopic, chromatographic and wet chemical function group techniques used in characterizing chemical systems. Laboratory.

**451, 452 — Seminar (1, 1)** (N/M)
Student reports on selected topics in chemistry for oral presentation and discussion.

**471 — Advanced Topics in Chemistry (2-3)** (N/M)
Prerequisite: Permission of the instructor. Advanced treatment of selected topics in chemistry.

**491, 492 — Special Problems in Chemistry (1-8)** (N/M)
Individual investigation under the direction of a member of the Department. Open to qualified students by permission of the Department.

**500 — Internship**
Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Classics

Professor Sumner, Chairman (Career Adviser); Assistant Professor Hatch; Instructors Tuohey, Winn.

Classics involves the study of the language and literatuere of ancient Greece and Rome, as well as the civilization which evolved during the period of Greek and Roman domination of the Mediterranean World. Since many of the ideas and principles which emerged at that time are basic to the heritage of western civilization, courses in Classics are usually applicable to the study of almost all the liberal arts.

Students wishing to concentrate in Classics are offered the choice of a departmental major in Latin or the interdepartmental major in Classical Civilization. In either area, students develop the program — which may include individual study — in consultation with a faculty adviser.

While many department majors include teacher certification on their schedule, other students combine their major in Latin or Classical Civilization with studies in related fields, such as philosophy, English, or modern foreign languages. With such a background, graduates have a wide range of opportunities after college, including museum work, archaeology, graduate study, teaching, or translating.

## GREEK

**131-132 — Elementary Greek (6)**

Introduction to the language of ancient Greece. Grammar and composition are stressed, leading to translation of literature.

**133, 134 — Intermediate Greek (3, 3)**

Prerequisite: Greek 131-132 or equivalent. Review of grammar. Reading of Plato, *Apology* plus selections from other authors.

## LATIN

**111-112 — Elementary Latin (6)**

Essentials of Latin grammar and composition; introduction to the translation of Latin literature.

**113, 114 — Intermediate Latin (3, 3)**

Prerequisite: Latin 111-112 or two units of secondary school instruction. Continued study of Latin grammar and composition; readings from Cicero, first semester; introduction to Latin poetry, second semester.

**211, 212 — Survey of Latin Literature (3, 3)** (L)

Prerequisite: Latin 113, 114 or four units of secondary school Latin. Historical survey of the development of Latin literature from earliest inscriptions to the end of pagan Roman writing.

**310 — Medieval Latin (3)** (L)

**311 — Roman Drama (3)** (L)

**312 — Roman Historical Writing (3)** (L)

**313 — Roman Satire (3)** (L)

**314 — Epic Poetry (3)** (L)

**351 — Advanced Latin Grammar (1)** (L)

Required for all majors.

**411 — The Life and Times of Julius Caesar (3)** (L)

In-depth study of Roman life and letters from 100-40 B.C. with readings from many contemporary sources.

**451-452 — Special Studies in Latin Literature (3, 3)** (L)

Reading and study of individual Latin authors, genres of literature or of an area of Roman civilization. By permission of the Department.

**491, 492 — Individual Study (3, 3)** (L)

Individual study under the direction of a member of the staff. By permission of the Department.

## CLASSICS

**201 — Classical Motifs in Literature (3)** (L)

Study of the hero's journey and related themes in Homer, Vergil, Tennyson, and Tolkien.

**202 — A Touch of Madness, the Greek Tragic Experience (3)** (L)

A study of the tragic plays of Aeschylus, Sophocles and Euripedes.

**301 — Mythology (3)** (H)

The principal Greek and Roman myths, with emphasis on their influence in literature and art.

**332 — Greek and Roman Civilization (3)** (H)

Major facets of Greek and Roman culture and their influence on later western civilization.

**385 — Greek Archaeology (3)** (H)

Study of archaeological excavations in Greece with emphasis on the problems peculiar to the area.

**386 — Roman Archaeology (3)** (H)

Study of the excavation of Roman sites both in Italy and other areas of the Mediterranean.

**401, 402 — Special Studies in Classical Archaeology (2, 2)** (H)

Prerequisites: Classics 385, 386 and some knowledge of Latin and/or Greek. First semester modern archaeological techniques; preservation of finds; introduction to epigraphy. Second semester: numismatics, small artifacts, and minor arts.

**491 — Individual Study in Classical Civilization (1-4)** (H)

Individual study under the direction of a member of the staff. By permission of the Department

# Computer Science

(See Mathematics, Statistics and Computer Science)

# Dramatic Arts and Dance

Professor Kenvin, Chairman; Assistant Professors Haydar, Gray, Howard, Larson (Dramatic Arts Career Adviser); Instructor Graham (Dance Career Adviser).

The Department offers majors in both dramatic arts and dance. Both majors provide programs on which students can build further professional or graduate work. Techniques, theories, history, and literature are included in both majors. A third major, called Dramatic Arts (Dance-Theatre) is also offered for those wishing to divide their work between dance and drama.

Important in the program is the variety of courses available to students. Also important are the many opportunities students have to perform either in theater or dance and to work on productions, thus learning different phases of the theatrical art. The student-run Tri-Muse Society encourages students interested in both dramatic arts and dance, and there is a chapter of Alpha Psi Omega, a dramatics honorary society.

In addition to student-directed productions in Studio 13, the Department presents four major productions each year, three directed by faculty and one by a student. Among recent productions in the 300-seat Klein Memorial Theater have been *Ah, Wilderness!, Carousel, Peer Gynt,* and *Kennedy's Children.* The department's summer program, in conjunction with The Fredericksburg Summer Theater, has presented such productions as *Kiss Me, Kate,* and *A Funny Thing Happened on the Way to the Forum.*

The Mary Washington College Dance Company, a vital part of campus cultural life, presents performances of modern dance and ballet in the 1700-seat George Washington Auditorium.

Lectures and performances by visiting scholars and artists enrich the program. In recent years, the campus has hosted such artists as Agnes de Mille, Paul Taylor, Nikos Psacharopoulos, Ellen Stewart, Richard Schechner, and Maria Swoboda.

## DRAMATIC ARTS

**211, 212 — World Drama (3, 3)** (H)

Selected plays and theatrical developments. Introduction to the theater.

**221, 222 — Acting (3, 3)** (H)

Voice and body training, pantomime, improvisation, creating character, ensemble playing.

**231, 232 — Stagecraft (4, 4)** (H)

Theories and techniques of designing, building and painting stage settings; organization and operation of production crews. Laboratory.

**251S, 252S — Fredericksburg Summer Theater (3, 3)** (H)

Apprenticeship, including acting and technical work, in the Fredericksburg Summer Theater.

**331, 332 — Playwriting (3, 3)** (H)

Writing for the stage. Exercises and practice in the structure of action, character development, dialogue, critical analysis.

**341 — Stage Costuming (3)** (H)

History and basic principles of costume design, use of historic period, silhouettes, stylization, color, and construction to create and enhance the theatrical illusion.

**361, 362 — History of the Theater (3, 3)** (H)

Theaters, production methods, dramatic conventions, key figures from the Greeks to the present.

**371 — Oriental Theater (3)** (H)

Indian, Japanese, Chinese theaters and their styles.

**381 — History of Film to 1945 (3)** (H)

Viewing and analysis of film before 1945.

**382 — History of Film from 1945 to the Present (3)** (H)

Viewing and analysis of film from 1945 to the Present.

**391, 392, 393, 394 — Theater Practicum (1-2 each)** (H)

Credit for performance or production work on MWC major productions. Prerequisites: for technical work, Dramatic Arts 231, 232; for acting, Dramatic Arts 221, 222. Prerequisites may be taken concurrently or equivalent experience may be substituted. By permission of the Department.

**421, 422 — Acting Styles and Scene Study (3, 3)** (H)

Prerequisites: Dramatic Arts 221, 222. Problems in acting. Creating and sustaining a character. Period styles.

**431, 432 — Directing (3, 3)** (H)

Technique and practice of directing for the stage. Student-directed productions presented in Studio 13.

**433 — Stage Lighting (3)** (H)

Prerequisites: Dramatic Arts 231, 232. Theories and techniques of lighting stage productions; lighting instruments and equipment.

**434 — Scene Design (3)** (H)

Prerequisites: Dramatic Arts 231, 232. History, theory and design of stage scenery; use of architecture, art, ornament with the elements of design.

**441 — Dramatic Theory and Criticism (3)** (H)

Analysis of dramatic criticism from Aristotle to the present.

**443 — Children's Theater (3)** (H)

Staging and production of plays for children.

**444 — Creative Dramatics (3)** (H)

Improvisational and experimental projects in acting for children's theater.

**451, 452 — Special Studies in Dramatic Arts (3, 3)** (H)

Concentration on a single area of dramatic arts. Topics vary from year to year.

**461 — Seminar in Dramatic Arts (3)** (H)

Readings, presentations, and projects in contemporary theater.

**491, 492, 493, 494 — Individual Study (1-3 each)** (H)

Individual study under direction of a member of the Department. By permission of the Department.

**500 — Internship (1-12)** (H)

Supervised work experience, developed in consultation with the Department.

## DANCE

**121, 122; 221, 222; 321, 322; 421, 422 — Ballet (1 each semester)**

Ballet as a discipline, emphasizing exactness and precision of line, creative expression, and historical reference.

**123, 124; 223, 224; 323, 324; 423, 424 — Modern Dance (1 each semester)**

Body movement, its relationship to space, time, and force, through improvisation and exploration.

**211 — Theories of Movement (3)** (H)

Comparison of selected theories of movement such as Laban, Dalcroze, Delsarte, Graham, Humphrey-Weidman, and Wigman.

**231 — Compositional Forms (3)** (H)

Structure of dance movement, phrases, rhythm, and traditional dance forms.

**232 — Dance Styles (3)**

Dance related to historical periods in art, drama, and music, utilizing reading, research, films, improvisation, and composition.

**235 — Movement for the Theater (3)** (H)

Creative projects in theatrical movement: mime, gesture, space, rhythm, and expression.

**350 — Dance History Survey (3)** (H)

Dance from the earliest times — Primitive, Greek, Roman, Egyptian, European, Oriental, and Spanish, to the 15th century.

**351 — History of Ballet (3)** (H)

In-depth study of ballet in France, Italy, Russia, and England from the 15th century to the 20th century.

**352 — American Dance Heritage (3)** (H)

Readings and research in American dance, including the Indian, Negro, Modern Dance, Contemporary Dance.

**400 — Mary Washington Dance Company (1 each semester)**

Performance in the Dance Company. Admission by audition. (May also be taken without credit after auditioning). By permission of the Department.

**425 — Classical Ballet Variations (3)**

Prerequisite: Dance 321, 322, 421, 422 or permission of instructor. Theory and practice of solo variations in traditional classical ballets.

**431, 432 — Choreography (3, 3)**

Prerequisites: Dance 231, 232 or permission of instructor. In-depth study of selected techniques from compositional forms and dance styles. Opportunity for the student to develop creative potential.

**450 — Seminar in Dance (3)** (H)

Readings and research in contemporary dance in education, dance therapy, aesthetics, and philosophy.

**491, 492, 493, 494 — Individual Study (1-3 each)** (H)

Research, choreography, or composition of an approved creative project. By permission of the Department.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Economics and Political Science

Associate Professor Albertine, Chairman (Career Adviser, Economics); Professors L. P. Fickett, Krickus; Associate Professors Fingerhut, Kramer (Career Adviser, Political Science); Assistant Professor Rycroft; Instructors Clatanoff, Cushman; Lecturer Tucker.

The Department offers degree programs in both economics and political science.

A wide variety of economics courses, both theoretical and practical, detail how resources are allocated to provide the goods and services a society wants. Course offerings include specific applications of the discipline in such fields as money and banking, government finance, and comparative economics. One Department program gives students background in managerial economics, including accounting, labor economics, and a study of the interaction of business and society. The overall program provides students with the opportunity to enter business, law, governmental service, or graduate school.

Political science, basically the study of how various political systems work, offers courses ranging from urban politics and government to international politics. The Department also provides many outlets through which students can gain practical knowledge of the field, including visits to the Virginia state capital and to Washington, D.C., internships in governmental offices, and involvement in major political events, such as the United Nations' student conference. Like economics, political science is a good background for a career in law, urban planning, teaching, government and private enterprise; it also lends itself to further study in graduate school.

## ECONOMICS

**101 — Elements of Economics (3)** (S)

One-semester survey of the basic elements of economic theory.

**201, 202 — Principles of Economics (3, 3)** (S)

Fundamental principles relating to the production, exchange, distribution, and consumption of goods and services. Prerequisite for all upper-level courses.

**211, 212 — Anti-Trust Policy (3, 3)** (S)

Application of microeconomic analysis to the problems of business organizations.

**221, 222 — Introductory Accounting (3, 3)** (S)

Fundamental accounting principles and practices involved in the recording and interpretation of accounting data. Only in sequence.

**301, 302 — The Economics of National Issues (3, 3)**

In-depth analysis of contemporary economic problems in American society.

**310 — Corporate Finance (3)** (S)

Financial policies of corporations.

**315 — Investment Analysis (3)** (S)

Introduction to portfolio theory, and the use of both technical (mathematical) and fundamental (economic) analysis in evaluating investment alternatives.

**321, 322 — Money and Banking (3, 3)** (S)

Theory of money and credit, banking organization and practices, foreign exchange and international movement of capital.

**331, 332 — Intermediate Accounting (3, 3)** (S)

More advanced principles of accounting. Only in sequence.

**341, 342 — Government Finance (3, 3)** (S)

Expenditures and revenues of federal, state and local governments.

**351, 352 — Labor Economics (3, 3)** (S)

Manpower, the labor force and the organized labor movement.

**361, 362 — Quantitative Economics (3, 3)** (S)

Introduction to some of the mathematical and statistical concepts necessary in advanced economics and econometrics.

**371 — Microeconomics (3)** (S)

Analysis of the firm and the household and their interactions, involving costs, utility, price, wage, and profit theory.

**372 — Macroeconomics (3)** (S)

National income accounts and aggregate economic analysis.

**381 — Urban Economics (3)** (S)

Survey of the major economic problems facing cities.

**391 — Comparative Economic Systems (3)** (S)

The nature of capitalism, socialism, communism and fascism.

**392 — Economic Development (3)** (S)

Examination of the problems of accelerating economic development in poor countries and maintaining development in rich countries.

**401, 402 — International Economics (3, 3)** (S)

World economic resources, international trade, and economic problems in international relationships.

**441, 442 — History of Economic Thought (3, 3)** (S)

Survey of the theories of classical and neo-classical economists.

**471 — Economics Seminar (3)** (S)

Open to all economics majors of junior and senior status. Group projects on approved problems in economics.

**491, 492 — Individual Study in Economics (3, 3)** (S)

Directed individual research on an approved problem in economics.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## POLITICAL SCIENCE

**101 — Introduction to Political Science I (3)** (S)

Survey of the basic concepts and theories of political science from antiquity to the present, including contemporary analytical techniques.

**102 — Introduction to Political Science II (3)** (S)

Continuation of Political Science 101, with primary emphasis on modern comparative political analysis and international relations.

**201, 202 — American Government (3, 3)** (S)

Principles of political science as applied to American national government, state government and local government.

**211 — Congress and the Political Process (3)** (S)

Analysis of the contemporary role of Congress in its relation to the Presidency, the federal bureaucracy, and pressure groups.

**212 — The American Presidency** (S)

Analysis of the modern Presidency and its relationship to democratic theory.

**301 — Comparative Government I (3)** (S)

Comparative analysis of the governments of the United Kingdom, France, and West Germany.

**302 — Comparative Government II (3)** (S)

Comparative analysis of the governments of the Soviet Union and Eastern Europe.

**304 — Contemporary American Politics (3)** (S)

In-depth analysis of selected problems in contemporary American politics.

**311, 312 — Public Administration (3)** (S)

The administrative control and a study of employment relations and personnel administration.

**321 — Theory of International Politics (3)** (S)

Analysis of contemporary theory of international politics, including evaluation of the United Nations and other international organizations.

**322 — Problems in International Politics (3)** (S)

Analysis in depth of major contemporary problems in international politics.

**332 — Metropolitan Problems (3)** (S)

Analytical study of the problems of American cities and other areas.

**334 — Political Parties (3)** (S)

Structure and functions of political parties; conduct of elections; pressure groups.

**341, 342 — Government Finance (3, 3)** (S)

Expenditures and revenues of federal, state and local governments.

**350 — Political Modernization (3)** (S)

Conceptual approach to the problem of political modernization.

**354 — Politics of South and Southeast Asia (3)** (S)

Study of the Political development of India, Pakistan, Thailand, Laos, Cambodia, and Vietnam.

**355 — Politics of North Africa and the Middle East (3)** (S)

Study of the political development of the nations of North Africa and the Middle East.

**356 — American Foreign Policy (3)** (S)

Problems facing the United States in its search for national security and international stability.

**357 — Soviet Foreign Policy (3)** (S)

Analysis of the foreign policy of the Soviet Union, including its conflict with China.

**360 — The Theory and Practice of Revolution (3)** (S)

Comparative analysis of the writings of major theorists of revolution from various parts of the world.

**361 — Problems of Communism (3)** (S)

Study of the origins, development, and contemporary aspects of world communism

**362 — Political Geography (3)** (S)

Study of geographic factors in world power and international affairs.

**422 — American Civil Liberties (3)** (S)

Intensive analysis of civil liberties in the United States, based primarily upon decisions of the Supreme Court.

**441 — History of Political Thought I (3)** (S)

Examination of the contributions of the great political theorists from Plato to Burke.

**442 — History of Political Thought II (3)** (S)

Examination of the contributions of modern political philosophies.

**443 — Modern Political Analysis (3)** (S)

Study of the theories and application of modern political analysis.

**471 — Political Science Seminar (3)** (S)

Emphasis on Intensive reading with group discussion of the selections read.

**491 — Individual Study in Political Science (3)** (S)

Directed individual research on approved problems in political science.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Education

Professor Slayton, Chairman (Career Adviser); Professor Merchent; Associate Professors Holmes, Warlick, Zisman; Assistant Professors Vawter, B. V. Smith; Instructor J. Johnson.

The role of the Department of Education is to help students develop the competencies necessary for successful teaching in elementary or secondary schools. Consequently, the Department functions as a service department offering, as electives, courses designed to prepare liberal arts students to meet requirements for certification as a teacher.

The teaching education programs at the College are approved by the Virginia State Department of Education and the National Association of State Directors of Teacher Education and Certification. The Mary Washington College student completing an approved program is eligible for certification in any of the more than 30 states signatory to the Teacher Certification Reciprocation Agreement.

Course sequences offered by the Department enable students to prepare to teach in nursery, kindergarten, and primary school (grades N, K, 1, 2, 3); in intermediate school (grades 4-7); in art (grades K-12), music (grades K-12); and in each of the following secondary school endorsement areas (grades 7-12): biology, chemistry, dramatics, earth science, economics, English, French, general science, geography, German, history, social sciences, mathematics, Latin, physics, political science, sociology, and Spanish.

In addition to full preparation for teaching, a Mary Washington College student may complete a foundation program which, with additional study at the graduate level, can provide entry into such professional specializations as special education, educational psychology, school administration, instructional supervision, and guidance and counseling.

**202 — Teaching the Very Young Child (3)**

A practical orientation to the behavior and needs of children, infancy through age four, for child and parent education.

**205 — Children's Literature (3)**

Historical survey of children's literature; contemporary and classic readings; practice in the art of storytelling.

**249 — Physical Education for Elementary School Children (2)**

Movement skills for children; includes movement exploration, creative rhythms, folk dance, games, and self-teaching for physical fitness.

**301 — The Primary School Child (K-3) (3)**

Physical, psycho-social and linguistic development of the kindergarten-primary school age child.

**302 — Teaching in the Primary School (K-3) (3)**

Principles, practices and materials of kindergarten-primary school programs. Diagnostic approaches to program developments.

**312 — Teaching in the Elementary School (4-7) (3)**

Principles, practices and materials of intermediate school. Emphasizes teaching subject disciplines, classroom management and evaluating pupil progress.

**314 — Teaching Mathematics and Science in the Elementary School (K-3) (4-7) (3)**

Principles, practices and materials of the elementary mathematics program with emphasis on conceptual learning.

**317 — Teaching Music in the Elementary Schools (3)**

The objectives and processes of teaching music with emphasis on music reading, conceptual learning, curriculum and evaluation. (For music majors.)

**318 — Teaching Music in the Secondary Schools (3)**

Music management in secondary education, history and philosophy of music education, curriculum and current trends. (For music majors.)

**320 — Diagnostic Reading (K-3) (4-7) (4)**

Principles and techniques for developmental and remedial reading; includes practical experience in a public school remedial reading program.

**322 — Developmental Reading (Secondary — all endorsements) (K-3) (4-7) (3)**

Theories and practices of developmental and remedial reading instruction for secondary teachers of the subject disciplines and elementary grades.

**332 — The Teaching of Foreign Languages (3)**

Principles and techniques of teaching modern and classical languages in the secondary school.

**342 — Seminar in Art Education (3)**

Principles and techniques of teaching art in elementary and secondary schools. (K-3, 4-7, and art certification).

**352 — The Teaching of Mathematics (3)**

Principles and techniques of teaching mathematics in the secondary school.

**359 — Music for Elementary Classroom Teachers (3)**

The objectives and processes of teaching music in the elementary classroom.

**372 — The Teaching of the Social Sciences (3)**

Principles and techniques of teaching the social sciences in secondary school.

**382 — The Teaching of the Sciences (3)**

Principles and techniques of teaching the sciences in secondary school.

**392 — The Teaching of English and Dramatics (3)**

Principles and techniques of teaching English and Dramatics in secondary school.

**420 — Foundations of Secondary Education (3)**

The affective curriculum viewed from the social-psychological perspectives; practical techniques to improve human relations are emphasized.

**440 — Supervised Teaching (9)**

Prerequisite: Appropriate 300-level course. Orientation to teaching under direction of supervisors in public elementary and secondary schools.

# English and Linguistics

Associate Professor Hansen, Chairman; Professors Brown, Croushore, Fleming, Glover, W. B. Kelly, N. H. Mitchell, S. H. Mitchell; Associate Professors Dervin, Hanna, Kemp (Career Adviser), Lutterbie, Singh.

The Department encourages students to diversify their literary interests. Its flexible programs permit concentration upon specific skills, genres, themes, periods, movements, and authors. Students may improve their writing through courses in expository prose, newspaper and magazine journalism, and creative writing; they may develop their appreciation and understanding of literary genres through the critical study of poetry, short fiction, drama, and the novel. Special courses explore such topics as women in literature or film and fiction. Other courses examine specific literary periods from the Middle Ages to the present. Individual study and seminars offer close study of genres, periods, and individual authors.

In offering courses in linguistics the Department aims to give the student, regardless of special interest, an understanding of the fundamental structure of language and, in conjunction with other disciplines, an opportunity to explore the acquisition of language in cultures and societies.

Some students combine courses in education and student teaching with their work in the Department. Others arrange second majors in such fields as art, drama, philosophy, history, and political science. Off-campus internships in journalism and other fields, and instructors qualified to work with students interested in communications and other interdisciplinary programs offer career opportunities in journalism, advertising, and publishing. Some majors pursue graduate training in English, law, or medicine. Others accept appropriate positions in private industry or government.

## ENGLISH

**101 — Writing Workshop (3)**

Group and tutorial instruction in the fundamental techniques of expository and argumentative writing: organization, development, coherence, research methods, mechanics.

**201 — Advanced Composition (3)**

Development of flexible and effective expository prose through analysis of models and practice with styles and techniques.

**206, 207 — Introduction to Creative Writing (3, 3)**

Development of skill in creative writing. Individual assignments adapted to the interests and abilities of the student.

**208 — Principles of Magazine Writing and Editing (3)**

Practice in writing, editing, and laying out various types of magazine articles.

**209 — Principles of Newspaper Writing and Reporting (3)**

Practice in writing, reporting, editing, and laying out various types of news and feature stories.

**211 — Survey of English Literature (3)** (L)

Literary movements and types from Beowulf through the 18th century.

**212 — Survey of English Literature (3)** (L)

Literary movements and types from the Romantic movement to the present.

**221 — Survey of American Literature (3)** (L)

American backgrounds and literary movements and types from the colonial writers through Whitman.

**222 — Survey of American Literature (3)** (L)

American backgrounds and literary movements and types from Dickinson to the present.

**231 — Short Fiction (3)** (L)

Study of selected short stories and short novels.

**232 — The Novel (3)** (L)

Study of the form, content, and development of selected novels.

**233 — Poetry (3)** (L)

Close analysis of poetic form and content.

**234 — Shakespeare (3)** (L)

Shakespeare's achievement in selected plays and poems.

**235 — Tragedy (3)** (L)

Tragedy as form and idea reflected in selected literary and dramatic works of world literature.

**236 — Comedy** (L)

Comic conventions in selected works of world literature.

**241 — Fantasy in Literature (3)** (L)

Themes, techniques, and structures in selections from the literature of fantasy

**242 — Myth in Literature (3)** (L)

Study of myth — cultural, natural, Christian, and classical — in selected literary works.

**243 — Women in Literature (3)** (L)

Study of literature by women and about women.

**244 — Narrative Form in Fiction and Film (3)** (L)

Study of parallel narratives in novels and fiction films, to see how the medium of telling affects the story told.

**251 — Issues in Literature (3)** (L)

Significant literary figures, movements, and topics. Consult schedule of courses for specific topic.

**305 — The English Language (3)** (L)

Structural and transformational grammars and their application to the language.

**309 — Chaucer and His Age (3)** (L)

Primarily Chaucer's *Canterbury Tales*, with some attention given to other lyric, heroic, or romance narratives of medieval England

**315 — English Drama Through the Restoration (3)** (L)

Origins and development of English drama through the Restoration. Includes miracle and morality plays, and Elizabethan, Jacobean and Restoration drama.

**316 — Renaissance and Baroque Literature (3)** (L)

English nondramatic literature of the 16th and 17th centuries. Emphasizes Sidney, Spenser, Donne, Johnson, and Milton.

**319 — Shakespeare: The Early Plays (3)** (L)

Shakespeare's early development, focusing mainly on the comedies and history plays.

**320 — Shakespeare: The Later Plays (3)** (L)

Shakespeare's later development, focusing on the tragedies, problem plays, and final romances.

**325 — The Age of Neoclassicism (3)** (L)
English literature during the Restoration and the early 18th century, with emphasis on the revival of classical aesthetics and forms.

**326 — The Age of Sense and Sensibility (3)** (L)
English literature during the second half of the 18th century, with emphasis on the transition from Neoclassicism to Romanticism.

**333 — The British Novel to 1945 (3)** (L)
Growth of the English novel from its origins to the Second World War.

**334 — The American Novel to 1945 (3)** (L)
Growth of the American novel from its origins to the Second World War.

**335 — English Romanticism: Wordsworth to Keats (3)** (L)
English literature of the early 19th century, concentrating on five great Romantic poets: Wordsworth, Coleridge, Byron, Shelley, and Keats.

**336 — Victorian Literature (3)** (L)
English literature from 1830 to 1900, emphasizing the poetry of Tennyson and Browning and the novels of Dickens.

**355 — American Romanticism (3)** (L)
Literary romanticism in 19th century American prose and poetry. Includes Hawthorne, Melville, Thoreau, Whitman, and Dickinson.

**356 — American Realism (3)** (L)
Literary realism in American prose and poetry of the 19th and early 20th centuries. Include James, Dreiser, Twain, and others.

**365 — Modern Literature, 1890-1930 (3)** (L)
Origins and development of major concerns and themes in the early modern period. Includes chiefly British and American writers.

**366 — Modern Literature, 1920-1945 (3)** (L)
Explorations of modern themes and techniques in the works of major modern writers, chiefly British and American.

**367 — Modern Drama (3)** (L)
Modern drama beginning in the late 19th century. Includes Ibsen, Shaw, O'Neill, Beckett, and Pinter.

**369 — Contemporary European Fiction (3)** (L)
Major European writers of the 20th century and their reflection of literary, political, social, philosophical, and psychological developments.

**370 — Contemporary Literature (3)** (L)
Contemporary literature, primarily British and American, in all genres.

**375, 376 — Special Studies (3, 3)** (L)
Studies in significant literary figures, movements, and topics. Consult schedule of courses for specific topic.

**397 — Literary Criticism (3)** (L)
Literary criticism from Plato to the present with emphasis on both historical developments and examples of critical practice.

**406 — Workshop in Writing (3)**
Practice in creative expression. Admission by consent of the instructor.

**411 — Studies in Drama (3)** (L)
Major problems, themes, movements, or figures in drama. Consult schedule of courses for specific topic.

**413 — Studies in Poetry (3)** (L)
Major problems, themes, movements, or figures in poetry. Consult schedule of courses for specific topic.

**415 — Studies in the Novel (3)** (L)
Major problems, themes, movements, or figures in the novel. Consult schedule of courses for specific topic.

**445 — Studies in English Literature to 1600 (3)** (L)
Significant figures, movements, themes, or problems in English literature to 1600. Consult schedule of courses for specific topic.

**447 — Studies in English Literature, 1600-1800 (3)** (L)
Significant figures, movements, themes, or problems in English literature, 1600-1800. Consult schedule of courses for specific topic.

**449 — Studies in English Literature, 1800-Present (3)** (L)
Signficiant figures, movements, themes, or problems in English literature, 1800 to the present. Consult schedule of courses for specific topic.

**455 — Studies in American Literature to 1900 (3)** (L)
Significant figures, movements, themes, or problems in American literature through the 19th century. Consult schedule of courses for specific topic.

**457 — Studies in American Literature, 1900-Present (3)** (L)
Significant figures, movements, themes, or problems in American literature of the 20th century. Consult schedule of courses for specific topic.

**465 — Senior Seminar (3)** (L)
Literature as a discipline. Topics include literary history, textual criticism, contemporary prose styles, and use of linguistics and computer techniques.

**491, 492, 493, 494 — Individual Study (3 each)** (L)
Individual study under the direction of a member of the staff.

**495 — Individual Study in Creative Writing (3)**
Prerequisites: English 206, 207. Individual study under the direction of a member of the staff.

**English 500 — Internship**
Supervised off-campus experience, developed in consultation with the Department. Credits variable.

**LINGUISTICS**

**101 — Trends in Modern Linguistics (3)** (S)
The nature, structure and function of language, its acquisition, its relationship to thought, and its use in a social context.

**201 — Anthropological Linguistics (3)** (S)
The significance of language for human social life, how it reflects thinking processes, and the manipulative devices of advertising and politics.

**204 — Sociolinguistics (3)** (S)
Language as an instrument for the acquisition and maintenance of personality, role, and status. Verbal behavior and nonverbal communication.

**491, 492, 493, 494 — Independent Study in Linguistics (3)** (S)
In-depth individual research in an area of linguistics under the guidance of a member of the staff. By permission.

## French

**See Modern Foreign Languages.**

# Geography

Professor Emory, Chairman; Professor Bowen; Associate Professor Gouger (Career Adviser); Assistant Professor Palmieri; Instructor Smerigan.

Geography supports a liberal education program by describing, analyzing, and explaining the diverse forces which work to produce the varied world in which man lives. The major provides training that leads to graduate study or careers in geography, cartography, teaching, planning, and urban affairs.

Of special interest is a career-focus grouping of courses in cartography which meets or exceeds the requirements of the state and federal civil service and provides training acceptable to most private mapping firms. Other departmental programs are designed to provide the basis for graduate studies. Teacher certification in geography is offered in cooperation with the Department of Education.

**212 — World Cultural Geography (3)** (S)
Concepts, themes, and methods of cultural geography. Analysis of cultural patterns on regional, continental, and global scales.

**220 — Geography of Anglo-America (3)** (S)
Regional geography of the United States and Canada, stressing differences in land, landscape, life, and livelihood.

**241 — Introductory Economic Geography (3)** (S)
Distribution, description, and analysis of traditional economic systems; their spatial and environmental frameworks, and their roles in the modern world.

**275 — Human Environment: Perception and Utilization (3)** (S)
Human ecology, environmental quality, pollution, resource utilization, conservation, and man's role in changing the face of the earth.

**312 — Geomorphology (3)** (S)
Origin and development of landforms and their relation to underlying structure, process and time.

**313 — Weather and Climate (3)** (S)
Analysis of weather processes; distribution of climatic regions; impact of climate upon man and nature.

**325 — Geography of Europe (3)** (S)
Climate, surface features, natural resources, population, agriculture, industry, and trade of the European continent.

**326 — Geography of the Soviet Union (3)** (S)
Landforms, climate, boundaries, trade, resources, people, and cultural groupings of the Soviet Union.

**331 — Geography of East Asia (3)** (S)
Environment, landscape, and livelihood of Central Asia, the Far East, and Southeast Asia.

**332 — Geography of West Asia (3)** (S)
Environment, landscape, and livelihood of the Middle East and the Indian sub-continent.

**333 — Geography of Africa (3)** (S)
Landforms, climate, peoples, boundaries, trade, resources, and cultural groupings of the African continent.

**334 — Geography of South America (3)** (S)
Survey of population, natural resources, geographic regions and potentialities of South America.

**335 — Geography of Middle America and the Caribbean (3)** (S)
Survey of population, natural resources, geographic regions, and potentialities of Middle America and the Caribbean.

**341 — Advanced Economic Geography (3)** (S)
Theoretical approaches to location of economic activity; spatial models of economic systems; regional economic organization.

**345 — Introductory Urban Geography (3)** (S)
Origin and diffusion of pre-industrial cities; their environmental settings, urban ecology, functions, and morphology in both Old and New Worlds.

**346 — Introduction to Planning (3)** (S)
Study of the basic concepts, laws, and methods used in city and regional planning.

**361 — Geographical Influences on History (3)** (S)
Influences of man's physical environment on history, with emphasis on American history.

**362 — Political Geography (3)** (S)
Study of geographic factors in world power and international affairs.

**414 — Air Photo Interpretation (3)** (S)
Basic principles of photogrammetry, geographic interpretation of aerial photographs and introduction to remote sensing of the environment

**415 — Cartography (4)** (S)
Introduction to basic cartographic methods; analyses of cartographic problems with exercises in techniques of graphic presentation.

**416 — Advanced Cartography (4)** (S)
Prerequisite: Geography 415 or special permission. Advanced cartographic techniques, including cartograms, negative scribing, block diagrams and physiographic mapping.

**417 — Field Methods (3)** (S)
Methods of obtaining information, mapping and preparation of reports and illustrative materials based on field research experience.

**418 — Field Geography (3)** (S)
Intensive study of a problem in physical, economic or cultural geography, conducted in an area of geographic interest.

**422 — Historical Geography of North America (3)** (S)
Geography of selected regions of North America during designated periods of history.

**445 — Advanced Urban Geography (3)** (S)
Post-industrial cities: an intensive view of their urban structure, internal and external spatial relationships, and city-systems.

**470 — History of Geographic Thought (3)** (S)
Seminar on development of geographic knowledge, theory, philosophy, and methods as illustrated by the writings of representative geographers.

**475 — Readings in Geography (3)** (S)
Directed readings on a selected topic in geography under the guidance of a faculty member.

**491 — Special Problems in Geography (3-6)** (S)
Individual study of some geographic problem, selected in consultation with the Department.

**500 — Internship**
Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Geology

Professor Bird, Chairman (Career Adviser)

Introductory and second-year geology courses are general, treating major concepts of the science; upper-level courses are in-depth studies of geologic processes. The Department emphasizes progression toward independence in thought and in investigative approaches.

A major or minor concentration in geology provides career opportunities with industrial or governmental aspects whose concerns include water, mineral, or energy resources; surface or geologic mapping; and environmental studies. Geology majors can also prepare for careers in the teaching of earth sciences.

**121 — Atmosphere and Hydrosphere (3)** (N/M)

Physical dynamics of atmosphere and oceans and their interaction. Laboratory.

**122 — Continental Processes (3)** (N/M)

Origin of the earth's surface and processes involved in its evolution. Laboratory.

**221 — Ancient Biologic Systems (3)** (N/M)

Problems of population dynamics, ecology, and evolution as seen in the geologic column. Laboratory.

**222 — Sedimentation and Stratigraphy (3)** (N/M)

Suggested preparation: one or more 100-level geology courses. Properties and evolution of sediments and their history. Laboratory.

**240 — Mineralogy (3)** (N/M)

Suggested preparation: one 100-level geology course. Composition, structure, morphology and physical properties of minerals. Laboatory.

**241 — Petrology (3)** (N/M)

Suggested preparation: Geology 240. Classification, origin, and occurrence of igneous and metamorphic rocks. Laboratory.

**321 — Physical Oceanography (3)** (N/M)

Suggested preparation: Geology 121, physics, chemistry, calculus. Geophysics of fluid motion and geochemistry of marine waters.

**340 — Geochemistry (3)** (N/M)

Suggested preparation: Geology 240, 241, chemistry, calculus. Surface, subsurface chemical processes; thermodynamics of mineral assemblages.

**341 — Geophysics (3)** (N/M)

Suggested preparation: Geology 240, 241, physics, calculus. Methods of determination of earth's structure, gravimetric, magnetic and seismic methods.

**350 — Hydrology (3)** (N/M)

Suggested preparation: Geology 321. Ground and surface water quality. Laboratory.

**360 — Structure and Field Methods (4)** (N/M)

Earth forces in actual movement.

**491, 492, 493 — Individual Study in Geology (3 each)** (N/M)

Individual investigation of a research problem.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# German

**See Modern Foreign Languages.**

# Health, Physical Education, and Recreation

Associate Professor Hegmann, Chairman; Associate Professors Clement, Droste, Greenberg, Woosley; Assistant Professors Gordon, Kintzing; Instructor Gallahan; Riding Mistress Riedl.

Participation in physical activities, including physical education classes, recreational programs, and intercollegiate athletics, is considered an essential part of the educational experience at Mary Washington.

The center for all indoor health, physical education and recreation is Goolrick Hall. A modern 64,000 square foot building, it houses courts for basketball, volleyball, and badminton, two dance studios, a large swimming pool, one four-wall handball-racketball court, seven one-wall racketball courts, a 16-station weight machine, a table-tennis room, indoor golf and archery ranges, seven large classrooms, and an auxiliary gym for classes in individual exercise and gymnastics.

The outdoor facilities include fields for hockey, soccer, lacrosse, flag football, and softball, an archery range, a golf driving range and putting areas, a running trail, a track, and fourteen tennis courts (including a new ten-court lighted complex).

Physical education courses include history, rules, and basic techniques in a wide range of individual and team sports. Riding courses are available for credit, but require a special fee. Health 100 provides an exposure to modern health problems.

## HEALTH EDUCATION

**100 — Contemporary Health Problems (3)**

## PHYSICAL EDUCATION

(Courses may be repeated for additional credit)

**101, 301 — Field Hockey (1, 1)**

**103, 303 — Basketball (1, 1)**

**105, 305 — Volleyball (1, 1)**

**109, 309 — Lacrosse (1, 1)**

**111, 311 — Gymnastics (1, 1)**

**113, 313 — Individual Exercise (1, 1)**

**116, 316 — Swimming (1, 1)**

**119, 319 — Flag Football (1, 1)**

**123, 323 — Soccer (1, 1)**

**127, 327 — Folk and Social Dance (1, 1)**

**132, 332 — Racketball (1, 1)**

**133, 333 — Tennis (1, 1)**

**135, 335 — Golf (1, 1)**

**139, 339 — Archery (1, 1)**

**141, 341 — Fencing (1, 1)**

**145, 345 — Badminton (1, 1)**

**147 — Beginning Horsemanship (1)**

Fundamentals of a good, balanced seat at the walk, trot, and canter; basic terminology of horsemanship and its equipment.

**150 — First Aid (1)**

**151, 351 — Karate (1, 1)**

**161, 361 — Self-Defense (1, 1)**

**247 — Intermediate Horsemanship(1)**

Balanced seat with quiet control at all gaits, jumping fundamentals; the development of the horse and equine psychology.

**315 — Advanced Life Saving (1)**

**347 — Advanced Horsemanship (1)**

Polished style in hunter seat equitation; development of individual horses to their potential, on the flat and over fences; preparation for intercollegiate competition. Stable management, equine psychology, preventive medicine,and first aid.

**401 — Intercollegiate Field Hockey (1)**

**403 — Intercollegiate Basketball (1)**

**405 — Intercollegiate Volleyball (1)**

**409 — Intercollegiate Lacrosse (1)**

**415 — Water Safety Instruction (1)**

**416 — Intercollegiate Swimming (1)**

**423 — Intercollegiate Soccer (1)**

**433 — Intercollegiate Tennis (1)**

**435 — Intercollegiate Golf (1)**

# History

Associate Professor Crawley; Chairman, Professors Bourdon, Vance, Zimdars; Associate Professors Ryang, Tracy, Warner (Career Adviser); Assistant Professor Campbell .

The diversified history curriculum has several distinctive features. There are, for example, 12 introductory 200-level courses which divide American and Euopean history into component periods, allowing students to concentrate on areas of particular interest. A special 300-level course focuses each semester on a different topic of timely interest. The 400-level seminars likewise change periodically to provide a wide selection of topics. The internship program adds further enrichment by allowing credit for certain history-related, career-oriented work outside the classroom.

The history major prepares the student for a variety of careers. Because the discipline requires the ability to analyze and communicate ideas as well as to retain factual information, it is an ideal preparation for law school or for a career in government, politics, or teaching. When combined with appropriate courses in other disciplines, it also provides an excellent background for a career in library or archival work; for journalism or media research; or for a business career in such areas as personnel or public relations.

**101, 102 — Survey of American History (3, 3)** (S)

First semester, colonial period through the Civil War; second semester, Reconstruction to present.

**111, 112 — Survey of Western Civilization (3, 3)** (S)

First semester, ancient times to Renaissance; second semester, Protestant Reformation through 20th century.

**221 — Colonial America (3)** (S)

Discovery, exploration, settlement and expansion of the British colonies to 1763, emphasizing political, religious, economic and social developments.

**222 — The American Revolution and the Early National Period (3)** (S)

Independence, the Confederation, formation of the Constitution, rise of political parties and the Age of Jackson.

**223 — Civil War, Reconstruction and the Gilded Age (3)** (S)

Slavery and sectionalism, the War, the problems of Reconstruction and the emergence of industrial America.

**224 — Twentieth Century America (3)** (S)

Emergence of the United States as a world power since 1900, emphasizing economic, social, diplomatic and political developments.

**231 — History of Greece (3)** (S)

Geography, history and civilization of Greece from the earliest times through the death of Alexander the Great.

**232 — History of Rome (3)** (S)

Formation, development and demise of the Republic; Augustus and the Empire; and the impact of Christianity.

**233 — Medieval Europe (3)** (S)

Decline of the Roman Empire, the church, feudal institutions, medieval thought and the origins of modern national institutions.

**234 — The Renaissance and Reformation (3)** (S)

Growth of Italian city-states, the new philosophy of man, Christian humanism and the spread of Protestantism.

**235 — Early Modern Europe (3)** (S)

The Age of Absolutism, the Enlightenment, the impact of the French Revolution with attention to the role of Napoleon.

**236 — Modern Europe (3)** (S)

Europe from 1815 to the present, with emphasis on intellectual, cultural and political developments, the World Wars, fascism and communism.

**241, 242 — Asian Civilization (3, 3)**

First semester, from earliest times to approximately 1800; second semester, to the present with emphasis on China and Japan.

**300 — Topics in History (3)** (S)

Focus on historical topics of timely interest. Consult class schedule for specific topic each semester.

**301, 302 — Diplomatic History of the United States (3, 3)** (S)

First semester, foreign relations from colonial period to approximately 1860; second semester, 1860 to the present.

**303, 304 — The Old and New South (3, 3)** (S)

First semester treats the plantation system, slavery, sectionalism, and the Civil War; second semester, development of the modern South.

**305 — The Frontier in American History (3)** (S)

Western movement across the continent from colonial beginnings to the present; impact of frontier experience on American attitudes and values.

**306 — The Black in American History (3)** (S)

Development of racism, the slavery experience, the segregation era, the civil rights movement and the rise of black militancy.

**307, 308 — Social and Intellectual History of the United States (3, 3)** (S)

Changing patterns of thought and social life in America, emphasizing the impact of Darwinism and industrialism.

**309 — The American Indian (3)** (S)

From pre-history to the present, with emphasis on differences among Indians and on interaction between Indians and whites.

**310 — United States since 1945 (3)** (S)

Topics include the Truman era, Cold War, Eisenhower, McCarthyism, civil rights movement, Kennedy, Johnson, Vietnam, black militancy, feminism, Nixon, and Watergate.

**321, 322 — History of Latin America (3, 3)** (S)

Colonial institutions, the independence movement, development of modern states, the Organization of American States and other international problems.

**323, 324 — Social and Intellectual History of Latin America (3, 3)** (S)

Intensive study of Latin American institutions and thought from preconquest Indian cultures through the Spanish conquest to the present.

**351, 352 — History of England (3, 3)** (S)

Survey of English history from beginning to present with emphasis on economic and constitutional phases and growth of British empire.

**353, 354 — History of France (3, 3)** (S)

First semester, Gaul and the Franks to French Revolution and Napoleon; second semester, Restoration Era to deGaulle.

**355, 356 — History of Germany (3, 3)** (S)

From first appearance of Germanic peoples in the Roman Empire through the rise of Prussia to Hitler and the Third Reich.

**357, 358 — History of Russia (3, 3)** (S)

First semester, Kiev, Moscovy and Imperial Russia to 1856; second semester, the last Romanovs, Revolution and Soviet Period.

**359, 360 — History of Spain (3, 3)** (S)

From Moorish invasions to the present, with emphasis on social and economic developments from the 16th century to the modern age.

**363 — History of China (3)** (S)

Social, political and intellectual development of China from the earliest times to the present, emphasis on the rise of modern nationalism, Maoist period.

**364 — History of Japan (3)**

Social, political and intellectual development of Japan from the earliest times to the present; emphasis on the rise of Japan to world power.

**371, 372 — European Diplomatic History (3, 3)**

First semester: Development of modern state system through Napoleon. Second semester from Congress of Vienna through the World Wars to detente.

**373, 374 — European Social and Intellectual History (3, 3)** (S)

Selected studies of representative thinkers from St. Augustine to the present, emphasizing their place in the development of Western thought

**491 — Individual Study (3)** (S)

Individual work under the direction of a member of the Department. By permission of the instructor.

**471, 472 — Special Studies in American History (3, 3)** (S)

**473, 474 — Special Studies in European History (3, 3)** (S)

**475, 476 — Special Studies in Latin American History (3, 3)** (S)

**477, 478 — Special Studies in Far Eastern History (3, 3)** (S)

**499 — Historical Research (3)** (S)

Introduction to methods of historical research with emphasis upon a formal paper on a subject chosen by the student.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# International Affairs

(Interdisciplinary Major)

Associate Professor Kramer, Program and Career Adviser.

The interdisciplinary major in International Affairs is designed to provide the student with a broad knowledge of the contemporary international system as well as with specific expertise in a given geographic area and/or academic discipline. To this end, the major combines core courses that examine international affairs from a variety of disciplinary perspectives with related courses that permit students to pursue in depth their particular geographic and/or disciplinary interests.

Career opportunities for the major in International Affairs range from such traditional areas as work with government or private agencies engaged in research on foreign policy or intelligence issues to such new and rapidly expanding areas as employment with multinational corporations or international banking institutions.

# Italian

See Modern Foreign Language.

# Latin

See Classics.

# Library Science

The ability to make effective use of library resources is essential to a liberal arts education. The offering in Library Science is designed to enhance student awareness of libraries in general and the College library in particular.

**101 — Library Resources and Their Use (1)**

Introduction to college library resources with limited emphasis on techniques of research. Taught by members of the Reference staff.

# Mathematics, Statistics, and Computer Science

Associate Professor Lindsey, Chairman (Career Adviser);Associate Professors D. Brown, Harris, Pierce, Zeleznock; Assistant Professors Conroy (Career Adviser), Fife, Lutz; Instructor Soliman.

The Department offers a variety of courses in mathematics, statistics and computer science, as well as a major in mathematics.

Mathematics courses vary from the theoretical to applied. A carefully selected combination of courses gives students solid background in the discipline as both an intellectual and functional enterprise. A major in mathematics can be a foundation for careers in industry, government, teaching, or for the pursuit of a higher degree in graduate school. The Department provides the opportunity for a student to graduate with a major in three years, and encourages double majors, giving students entrance to an even wide variety of fields upon graduation.

Statistics courses, which provide a rational basis for inferential reasoning, emphasize the ability to reason statistically. They lay the groundwork for understanding institutional decision-making processes, quality of information, and effective use of common statistical tools.

Many students take statistics courses to strengthen understanding of the quantitative aspects of other disciplines. These courses also help to broaden career opportunities. Students may pursue graduate work in this subject area.

In computer science, the Department offers several courses and workshops in programming and theory of systems. FORTRAN, BASIC, COBOL and other higher level programming languages are utilized.

**MATHEMATICS**

**101 — Introduction to Mathematics (3)** (N/M)

A liberal arts course in finite mathematics.

**111 — Precalculus (3)** (3)

Emphasis is on elementary functions.

**121 — Calculus I (3)** N/M)

Calculus of algebraic functions with applications.

**221 — Calculus II (3)** (N/M)

Advance topics of calculus of algebraic functions and calculus of transcendental functions with applications.

**231 — Calculus III (3)** (N/M)

Solid analytics, multivariate calculus, vector analysis and infinite series.

**300 — Linear Algebra** (3)

Matrix algebra, determinants, vector spaces and linear transformations

**301, 302 — Algebraic Structures (3, 3)**

Prerequisite: Math 300 or permission of instructor. Mappings, groups, rings, fields, vector spaces and linear transformation. Only in sequence.

**312 — Differential Equations (3)** (N/M)

Prerequisite: Calculus II; recommended: Calculus III. Ordinary differential equations including LaPlace transformations.

**321 — Number Theory (3)** (N/M)

Properties of the integers: divisibility, congruences, quadratic reciprocity and number-theoretic functions.

**341, 342 — Advanced Calculus (3, 3)** (N/M)

Prerequisite: Math 231. A rigorous, real analysis approach to the topics of calculus. Only in sequence.

**351, 352 — Computer Structures and Techniques (3, 3)** (N/M)

Structure and flexibility of modern computer systems; theoretical computation; and introduction to theory of programming. Only in sequence.

**361 — Topics in Applied Mathematics (3)** (N/M)

Prerequisites: Math 231, 300, 312 or permission of instructor. Selected topics in applied mathematics, such as partial differential equations, Fourier series and optimization methods. Course content may vary as interest of class and instructor demands.

**412 — Complex Variables (3)** (N/M)

Prerequisite: Math 341. Analytic functions, Cauchy-Riemann conditions, integration, power series, calculus of residues, conformal mappings and applications.

**431, 432 — Higher Geometry (3, 3)** (N/M)

Methods of higher geometry; geometries of projective group of transformation; applications of affine and metric geometries.

**441 — General Topology (3)** (N/M)

Prerequisite: Math 301. Point-set theory including connectedness, compactness, continuity and metric space.

**451, 452 — Numerical Analysis (3, 3)** (N/M)

Prerequisite: Math 312. Numerical methods applied to solutions of equations; interpolation; differentiation; integration; and solution of differential equations. Only in sequence.

**491, 492, 493, 494 — Selected Topics in Mathematics (3 each)** (N/M)

Prerequisite: departmental permission. Individual study under the direction of a member of the staff. May lead to graduation with Departmental Honors.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

**STATISTICS**

**100 — Survey of Statistics (3)**

Survey of statistical reasoning and its application intended for non-scientists. Application of statistics are illustrated using case histories from diverse fields.

**200 — Introduction to Statistics (3)** (N/M)

First course in statistical methods. Both parametric and nonparametric techniques. Examples from diverse fields.

**301, 302 — Introduction to Probability and Statistical Inference (3, 3)** (N/M)

Prerequisite: Math 231. Careful introduction to probability theory and theoretical statistics including both classical and Bayesian approaches to estimation and testing problems.

**420 — Readings in Experimental Statistics (3)** (N/M)

Prerequisite: Permission of the instructor. General linear models, experimental design and analysis, other topics as required.

**COMPUTER SCIENCE**

**101 — Introduction to Computers (2)** (3)

Introduction to computers; structure and application of computer systems, programming in BASIC language and "hands on" experience.

**201S — Workshop I in Computer Programming and Systems (3)** (N/M)

Introduction to programming and systems structure. Workshop environment using the Nova 1220 computer and BASIC language.

**202S-Workshop II in Computer Programming and Systems (3)**

Prerequisite: Workshop I or permission. Emphasis on other higher level languages, peripheral storage devices, tasking, swapping, chaining and overlays.

**251 — Scientific Programming (2)** (N/M)

Scientific programming in FORTRAN.

# Medical Technology

(Cooperative Major)

Associate Professor Friedman, Program and Career Adviser

Under the cooperative Program in Medical Technology, the student completes three years (92 credit hours) of undergraduate course work at Mary Washington College, followed by 12 months of clinical training at Fairfax Hospital, Roanoke Memorial Hospitals, or the University of Virginia Hospital. The degree earned is a Bachelor of Science in Medical Technology and is awarded by Mary Washington College.

Admission to the final 12-month hospital training program is competitive. The student must meet the admission requirements of the hospital to which he applies and should make application during the third year at Mary Washington. Upon successful completion of clinical work, students are qualified to take the National Registry Examination given by the American Society of Clinical Pathologists.

If students enrolled in the medical technology program change their interest, they may continue with the regular degree program at Mary Washington.

# Modern Foreign Languages

Professor Stephenson, Chairman (Career Adviser for Spanish); Professors Bozicevic, Hofmann, Hoge; Associate Professors Ascari, Blessing (Career Adviser for French), Herman, Manolis, Merrill (Career Adviser for German); Assistant Professors Peña, Niebuhr, Quann.

Through classes in French, Spanish, German, Italian and Russian, the Department offers students an opportunity to gain mastery of one of more foreign languages.

Students learn to read, understand, speak, and write the language of their choice. Language laboratory facilities for tapes and records are used extensively to supplement classroom instruction. Upper-level classes are conducted in the foreign language. Through classroom instruction, individual research, and work in department-sponsored language clubs, students come to know the culture of the people whose language they are using.

The Department has major programs in French, Spanish, and German, and provides Spanish and French majors an opportunity to reside in small campus residence halls in which the language is spoken exclusively and which sponsor various intercultural programs each year.

The Department cooperates with a variety of overseas study groups, advises students wishing to study abroad, and helps in planning their foreign study programs.

Graduates in modern foreign languages enter teaching or any number of fields in which knowledge of a second language is essential, including translation, research, human services or international business and industry.

## FRENCH

**101, 102 — Beginning French (6)**

Grammar, composition, conversation, reading, laboratory use.

**151, 152 — Intermediate French (6)**

Grammar review, reading, oral work, laboratory use.

**201, 202 — Studies in Language I (3, 3)**

Grammar, composition, conversation.

**300 — French Phonetics (3)**

Recommended for French majors and prospective teachers of French. Not offered in 1978-79; offered in 1979-80.

**301, 302 — Studies in Language II (3, 3)**

Advanced grammar, composition, conversation. Required of majors; others by permission.

**321, 322 — Introduction to French Literature (3, 3)** (L)

A thematic approach to history of French literature.

**323 — French Studies: Special Topics (3)** (L)

Not offered in 1978-79; offered in 1979-80 as "French Women in Literature."

**331 — Literature of the Middle Ages and Renaissance (3)** (L)

French Literature from its beginning through the 16th century, including *Tristan et Iseult,* Ronsard, Rabelais, Montaigne. Not offered in 1978-79; offered in 1979-80.

**351 — Drama of the Seventeenth Century (3)** (L)

Corneille, Molière and Racine. Not offered in 1978-79; offered in 1979-80.

**352 — Non-dramatic Literature of the Seventeenth Century (3)** (L)

Pascal, Mme de Sevigné, Mme de La Fayette, LaFontaine, Fénelon. Offered in 1978-79; not offered in 1978-80.

**361 — Literature of the Eighteenth Century (3)** (L)

Fiction, drama, and philosophy. Not offered in 1978-79; offered in 1979-80.

**371 — Novel of the Nineteenth Century (3)** (L)

Hugo, Stendhal, Balzac, Flaubert and Zola. Offered in 1978-79; not offered in 1979-80.

**372 — Nineteenth Century Theater (3)** (L)

Hugo, de Musset, Dumas, and Rostand. Offered in 1978-79; not offered in 1979-80.

**381 — The Novel of the Twentieth Century (3)** (L)

Proust, Gide, Mauriac and Malraux. Not offered in 1978-79; offered in 1979-80.

**382 — Twentieth Century Theater (3)** (L)

Claudel, Sartre, Anouilh and Ionesco. Not offered in 1978-79; offered in 1979-80.

**481, 482 — Senior Seminar** (L)

Molière offered in 1978-79; Balzac offered in 1979-80.

**491, 492 — Individual Study (3, 3)** (L)

Intensive study of one or more authors selected by student in consultation with adviser.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## GERMAN

**101, 102 — Beginning German (6)**

Grammar, composition, conversation, reading, laboratory use.

**151, 152 — Intermediate German (3)**

Grammar review, reading, oral work, laboratory use.

**201, 202 — Studies in Language I (3, 3)**

**301, 302 — Studies in Language II (3, 3)**

Advanced grammar, composition, conversation.

**315, 316 — German Culture and Institutions (3, 3)** (S)

History, art, music, customs, traditions of German-speaking peoples.

**321, 322 — Survey of German Literature (3, 3)** (L)

Literary development of representative authors from Goethe to the present.

**371 — German Classicism (3)** (L)

The German Hochklassik as seen in Goethe and Schiller. Not offered in 1978-79; offered in 1979-80.

**372 — German Romanticism (3)** (L)

Includes Eichendorff, Kleist, Novalis and Tieck. Not offered in 1978-79; offered in 1979-80.

**373, 374 — Nineteenth Century Literature (3, 3)** (L)

From Biedermeier through Junges Deutschland and Realism.

**381, 383 — Twentieth Century Literature (3, 3)** (L)

Includes Hofmannsthal Mann, Rilke, Musil, Kafka, Brecht, Dürrenmatt, Böll, Grass.

**481 — Seminar in German Literature** (L)

An examination of the Faust tradition from the 1587 *Faustbuch* to Thomas Mann's *Doktor Faustus*. Offered in 1978-79; not offered in 1979-80.

**482 — Seminar in German Literature** (L)

The literature of the Weimar republic (1919-1933). Offered in 1978-79; not offered in 1979-80.

**491, 492 — Individual Study (3, 3)** (L)

Intensive study of one of more authors selected by the student in consultation with adviser.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## ITALIAN

**101, 102 — Beginning Italian (6)**

Grammar, composition, conversation, reading, laboratory use.

**151, 152 — Intermediate Italian (6)**

Grammar review, reading, oral work, laboratory use.

**211, 212 — Italian Conversation (1, 1)**

**315, 316 — Society and Civilization (3, 3)**

Literary, social and cultural history of the Italian people. Offered in 1978-79; not offered in 1979-80.

**371, 372 — Nineteenth Century Literature (3, 3)** (L)

Includes Manzoni, Foscolo, Leopardi, D'Annunzio. Not offered in 1978-79; offered in 1979-80.

**381-383 — Modern Italian Literature (3, 3)** (L)

From Pirandello to Montale; prose and poetry of last seventy years.

**395 — Italian Literature in Translation (3)** (L)

Taught in English. Dante's *Divine Comedy* and early Italian poets.

**396 — Italian Literature in Translation: Masterpieces of the Renaissance (3)** (L)

Taught in English. Petrarch, Boccaccio, Machiavelli, etc.

**491, 492 — Individual Study (3, 3)** (L)

Intensive study of one or more authors selected by student in consultation with adviser.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## RUSSIAN

**101, 102 — Beginning Russian (6)**

Fundamentals of spoken and written Russian.

**151, 152 — Intermediate Russian (6)**

Review, completion of fundamentals, and reading

**201 — Reading, Composition and Conversation (3)**

**300 — Phonetics, Morphology and Syntax (3)**

Sounds and transcription, structure, simple and compound sentences. Offered in 1979-80; 1981-82.

**315 — Russian Culture (3)** (S)

Survey of art, dance, folklore, geopolitics, institutions, literature, music, religion, screen, theatre. Offered in English 1979-80; 1981-82.

**323 — Reading in Scientific Russian (3)** (L)

Texts and terminology in various disciplines. Offered in 1978-79; 1980-81.

**324 — Readings in Commercial Russian (3)** (L)

Composing and typing business letters; Russian trade techniques. Offered 1979-80; 1981-82.

**395 — Russian Literature, XIX Century (3)** (L)

Literary masters from Pushkin to Chekhov. Offered 1978-79; 1980-81.

**396 — Russian Literature, XX Century (3)** (L)

Transition from old to new — from Gorky to Solzhenitsyn. Offered in English 1978-79; 1980-81.

**397 — Dostoevsky and Tolstoy (3)** (L)

Reading and analysis of representative works. Offered in English 1979-80; 1981-82.

**491, 492 — Individual Study (3, 3)** (L)

Research on adviser-approved topic in language or literature. Not to duplicate any regular course.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## SPANISH

**101, 102 — Beginning Spanish (6)**

Grammar, composition, conversation, reading, laboratory use.

**151, 152 — Intermediate Spanish (6)**

Grammar review, reading, oral work, laboratory use.

**201 — Studies in Language I (3)**

Grammar and composition.

**211, 212 — Intermediate Spanish Conversation I (1, 1)**

**301, 302 — Studies in Language II (3, 3)**

Advanced grammar, composition, translation. Not offered in 1978-79; offered in 1979-80.

**311, 312 — Intermediate Spanish Conversation II (1, 1)**

**315 — Spanish Civilization (3)** (S)

History, art, music, customs, traditions of Spain. Offered in 1978-79; not offered in 1979-80.

**316 — Spanish American Civilization (3)** (S)

History, art, music, customs, traditions of South America.

**321, 322 — Survey of Spanish Literature (3, 3)** (L)

History and study of examples of Spanish literature from Middle Ages to present day.

**325 — Poetry of Spain (3)** (L)

Poetry from the 11th century to the contemporary period. Not offered in 1978-79; offered in 1979-80.

**331 — Literature of the Middle Ages and Renaissance (3)** (L)

Poetry, drama, and prose of Spain from the 11th century to 1550. Not offered in 1978-79; offered in 1979-80.

**351 — Drama of the Golden Age (3)** (L)

Lope de Vega, Tirso de Molina, Ruiz de Alarcón, Guillén de Castro, Moreto, Calderón. Offered in 1978-79; not offered in 1979-80.

**352 — Prose of the Golden Age (3)** (L)

Pastoral novel, picaresque novel, shorter novels of Cervantes. Not offered in 1978-79; offered in 1979-80.

**362 — Spanish Literature of the Eighteenth Century (3)** (L)

Feijoo, Luzán, Villarroel, Padre de Isla, Samaniego, Iriarte, Moratín, Ramón de la Cruz. Offered in 1978-79; not offered in 1979-80.

**371 — Nineteenth Century Drama (3)** (L)

Romantic drama, "alta comedia," and theater of ideas.

**372 — Nineteenth Century Novel (3)** (L)

Valera, Alarcón, Pereda, Pardo Bazán, Alas, Palacio Valdés, Blasco Ibáñez, Pérez Galdós. Offered in 1978-79; not offered in 1979-80.

**375 — Spanish American Literature from the Colonial Period through the Period of Independence (3)** (L)

Offered in 1978-79; not offered in 1979-80.

**376 — Spanish American Literature: Modernism (3)** (L)

Poetry and prose of "modernismo," 1888 through the period of World War I. Offered in 1978-79; not offered in 1979-80.

**381 — The Generation of '98 (3)** (L)

Includes Unamuno, Ortega y Gasset, Azorín, Baroja, Valle Inclán, Antonio Machado. Not offered in 1978-79; offered in 1979-80.

**382 — Twentieth Century Drama (3)** (L)

Includes García Lorca, Buero Vallejo, Sastre, Ruiz Iriarte, Mihura. Offered in 1978-79; not offered in 1979-80.

**383 — Contemporary Spanish Prose (3)** (L)

Emphasis on post-Civil War authors and productions.

**385, 386 — Twentieth Century Spanish American Literature (3, 3)** (L)

Novel, poetry, drama, 1900 to present. Not offered in 1978-79; offered in 1979-80.

**395, 396 — Spanish Literature in Translation (3, 3)** (L)

Taught in English. Don Quixote offered in 1978-79; contemporary novels and drama offered in 1979-80.

**411, 412 — Advanced Conversation (1, 1)**

**451 — Intensive Study of Cervantes (3)** (L)

Principal emphasis on *Don Quijote*.

**471 — Intensive Study of Galdós (3)** (L)

Emphasis on selected Galdós novels.

**491, 492 — Individual Study (3, 3)** (L)

Intensive study of one or more authors selected by student in consultation with adviser.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Music

Professor Baker, Chairman; Professor Lemoine; Associate Professor Hamer (Career Adviser); Assistant Professor Bailey; Instructors Chalifoux, M. Fickett, Kourouklis, Norwood, Reinburg, Sabine.

The Department offers a wide program in theory, literature and history of music, and intensive instruction in instruments and voice. As in all liberal arts programs, the emphasis is on broad coverage rather than specialization.

Regular recitals and concerts by faculty members and visiting performers are sponsored; the college also presents artists in the formal Concert Series. Students appear in general recitals, senior recitals, and performing ensembles such as the MWC Chorus, Woodwind Ensemble, Fredericksburg Singers, College Community Orchestra, and Fredericksburg Chamber Ensemble.

The courses and major program of the Department provide background for graduate school, a career in the performing arts, teaching, and the music industry, as well as personal enrichment through better understanding of the art of music.

The Department of Music is accredited by the National Association of Schools of Music, has a chapter of Mu Phi Epsilon, international professional music fraternity, and sponsors student chapters of the American Guild of Organists and the Music Educators National Conference.

## HISTORY AND LITERATURE OF MUSIC

**165 — Survey of Baroque and Classic Music (3)** (H)

Broad survey of music covering the works of composers from Monteverdi to Beethoven.

**167 — Survey of Romantic and Modern Music (3)** (H)

Music from 1825 to the present. Principal composers and works from Romanticism and Impressionism through the Electronic Age.

**267 — Music and the Arts (3)** (H)

Music-oriented humanities course emphasizing stylistic character and cultural climate of music in relationship to other arts of Western civilization.

**269 — History of Musical Instruments (3)** (H)

Evolution of musical instruments in western culture, performance practices, literature and development of the orchestra.

**271S — History of Opera (3)**

Major developments in opera from 1600 to the present, including works by Monteverdi, Purcell, Mozart, Verdi, Wagner, Debussy, and Berg.

**360S — Symphonic Music (2)**

A theoretical and historical study of a musical genre from its roots through the present by score analysis. Summers only and in conjunction with the Chatham Orchestra Institute. Prerequisite: 3 hours of music history, and 3 hours of music theory (or equivalent).

**363, 364 — History of Music (3, 3)** (H)

Development of music from ancient to modern times with special correlation of historical and cultural trends. Only in sequence.

**367 — Twentieth Century Music (3)** (H)

Prerequisite: Music 165 or 167, or permission of the instructor. Twentieth century practices in musical composition and their relationship to the historical developments in music. First Semester.

**368 — History of Jazz (3)** (H)

Development of jazz, ragtime, blues, dixieland, boogie-woogie and later styles which evolved from jazz. Second semester.

**370 — Introduction to Electronic Music (3)** (H)

Prerequisite: permission of the instructor Emphasis on historical development, current status, physical concepts, language and compositional techniques as they apply to synthesized music. First semester.

**371S — History of American Music (3)** (H)

Exploration of music brought to America by early settlers, its European roots, history and development from colonial times onwards.

**466 — Choral Literature (2)** (H)

Sacred and secular literature from the Renaissance through the 20th century; consideration of textual and musical content. Open to non-music majors by permission of the instructor. Second semester.

**470S — The Orchestra and the School (2)**

A seminar dealing with the problems of maintaining an orchestral ensemble within the school. Summers only and in conjunction with the Chatham Orchestra Institute. For certification to teach in the state of Virginia or another state, or for those having such certification in the past.

**471S — Choral Music for School (1)** (H)

Comprehensive survey of selected choral offerings for the school. Workshop participants sing and discuss choral techniques.

**472S — Choral Music for Church (1)** (H)

Comprehensive survey of selected choral offerings for the church. Workshop participants sing and discuss choral techniques.

**491, 492 — Individual Study (1-3)** (H)

Individual study under the direction of a music department faculty member. Details may be obtained from the Chairman. By permission of the Department.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## STUDIO LESSONS

Individual lessons (based upon placement audition) are offered advanced players in orchestral instruments (including harp, organ, piano and voice). Lessons are one half-hour lesson per week for one credit.

A maximum of twelve hours in individual instruction is allowed toward the degree. However, all credits beyond this will be credited over and above the 122 hours required for graduation.

**203, 303 — French Horn**

**205, 305 — Trombone**

**207, 307 — Trumpet**

**113, 213, 313 — Harp**

**317 — Organ**

**219, 319 — Percussion**

**321 — Piano**

**225, 325 — Double bass**

**227, 327 — Viola**

**229, 329 — Violin**

**231, 331 — Violoncello**

**333 — Voice**

**237, 337 — Bassoon**

**239, 339 — Clarinet**

**241, 341 — Flute**

**243, 343 — Oboe**

**245, 345 — Saxophone**

## THEORY OF MUSIC

**161, 162 — Principles of Harmony I (3, 3)** (H)

Emphasis on fundamentals of music, chord structure, progression and function. Figured bass, melodies, creative work and keyboard harmony.

**163, 164 — Harmonic Skills I (1, 1)** (H)

Development of aural and written skills in identifying intervals and chords; melodic and harmonic dictation, rhythm drill and sight-singing. Music 161 and 163 must be taken concurrently in the first semester; Music 162 and 164 must be taken concurrently in the second semester.

**261, 262 — Principles of Harmony II (3, 3)** (H)

Prerequisite: Music 161, 162. Functional and nonfunctional uses of altered chords; emphasis on 20th century concepts of Hindemith and Schoenberg.

**263, 264 — Harmonic Skills II (1, 1)** (H)

Continuation of Music 163, 164. Music 261 and 263 must be taken concurrently in the first semester; Music 262 and 264 must be taken in the second semester. Only in sequence.

**361 — Strict Counterpoint (2)** (H)

Prerequisite or corequisite: Music 261. Principles of strict contrapuntal writing are discussed and employed in all five species.

**362 — Free Counterpoint (2)** (H)

Prerequisite: Music 361. Free contrapuntal writing techniques are stressed along with practice in invention and fugal writing.

**369 — Orchestration (3)** (H)

Prerequisite or corequisite: Music 261. Techniques of instrumental scoring considered historically and creatively. Offered fall semester even-numbered years.

**461, 462 — Structure and Composition (3, 3)** (H)

Prerequisite or corequisite: Music 361. Structural and harmonic analysis of traditional and contemporary compositions, correlated with creative work in small forms. Only in sequence.

## MUSIC EDUCATION

**359 — Music for the Elementary Classroom Teacher (3)**

Objectives and processes of teaching with emphasis on music reading, conceptual learning and teacher competencies. Each semester. Music 359 is for non-music majors planning to teach in the elementary grades.

## MUSIC PERFORMANCE

**101, 102 — Class Brass Instruments (1, 1)**

Beginning class study of playing techniques on brass instruments, investigating techniques and acoustical principles; reference to historical development and literature.

**111S —Class Guitar I (1)**

Group lessons in classical guitar for beginners; emphasis on the development of basic techniques, historical development and literature.

**112S — Class Guitar II (1)**

Group lessons in classical guitar for intermediate students. A continuation of 111S.

**119 — Percussion (1)**

Beginning class study of playing techniques on instruments of definite and indefinite pitch, with emphasis on snare drum performance techniques. Offered fall semester odd-numbered years.

**121, 122 — Class Piano I (1, 1)**

Group instruction for beginners; emphasis on development of basic keyboard facility, clef reading, hand position, fingering, pedalling, and technique. Admission to 122 based upon results of a placement audition or successful completion of 121.

**123, 124 — Class String Instruments (1, 1)**

Beginning class study of playing techniques on string instruments, investigating techniques and acoustical principles; reference to historical development and literature.

**133, 134 — Class Voice I (1, 1)**

Group instruction for beginners; emphasis on the fundamentals of singing, posture, breathing, tone production, diction, resonance and performance techniques. Admission by audition or successful completion of first semester course.

**135, 136 — Class Woodwind Instruments (1, 1)**

Beginning class study of playing techniques on woodwind instruments, investigating techniques and acoustical principles; reference to historical development and literature.

**221, 222 — Class Piano II (1, 1)**

For intermediate students; includes study of elementary and intermediate works from standard piano repertoire, with emphasis on interpretation and ensemble. Admission based upon results of a placement audition, or successful completion of previous semester's course.

**233, 234 — Class Voice II (1, 1)**

For intermediate students; emphasis on perfecting technique learned in first year; extending range, dynamics, agility, flexibility and repertoire. Admission to 234 based upon successful completion of 233 or results of a placement audition.

**347 — Choral Conducting (2)**

Prerequisite or corequisite: Music 261, 263. Principles and techniques of conducting, including the study of materials, arranging for varied vocal groups, and program planning. First semester.

**348 — Instrumental Conducting (2)**

Prerequisite or corequisite: Music 262, 264 Principles and techniques of conducting, including the study of materials, arranging for miscellaneous instrumental groups, and program planning. Second semester.

**351 — Chorus (1)**

Students have an opportunity to study and perform selected repertoire for women's voices representing all periods of music literature. Open by audition.

**353 — Keyboard Ensemble (1)**

To give the keyboard player experience in ensemble playing through literature for four hands, piano accompanying and sight reading.

**355 — Orchestral Ensemble (1)**

Orchestral literature from all periods of music literature. This group is a nucleus for the College-Community Orchestra. Open to all instrumentalists by audition. The College-Community Orchestra is made up of students and community instrumentalists who enjoy playing and performing orchestral repertoire. Open to any qualified instrumentalist.

**357 — Woodwind Ensemble (1)**

Performance experience in representative compositions from all periods of music. The ensemble presents an informal program each semester. Open to all woodwind players by audition.

# Philosophy

Professor Van Sant, Chairman (Career Adviser); Assistant Professor Cobb; Instructor Baley.

Philosophy is the critical examination of our basic beliefs. It requires the analysis of abstractions, and it develops the ability to do research, organize results, and present those results in written or oral form.

Because the Department emphasizes creative research into philosophical problems as well as the competent expression of one's own views, philosophy can be studied profitably by a student majoring in any College program.

The objectives of the Department are to serve the academic program of the whole College by offering courses of interest to the scientist and mathematician, to the social scientist, and to the student interested in the humanities and literature.

The major in philosophy is of special interest to students who wish a deeper understanding of the history of the discipline and the interrelations between philosophical problems. The major is especially beneficial to students planning to enter the traditional professions of law, theology, or medicine. Many students give depth to their academic preparation by combining philosophy and another subject in a double major.

**111 — Introduction: Morals and Society (3)** (H)
Alternate views of the nature of mortality. Offered each semester.

**151 — Introduction to Logic and Language (3)** (H)
Valid forms of reasoning. Offered each semester.

**211 — Ethical Studies (3)** (H)
The status and justification of moral judgments, and the reasons behind disagreements in moral issues.

**212 — Aesthetics (3)** (H)
Examination of a variety of attempts to validate norms of taste and of criticism.

**221 — Philosophical Problems of Law (3)** (H)
The relation between moral philosophy and criminal and civil law.

**244 — Philosophy of Science (3)** (H)
Survey of modern philosophical writing about science.

**304 — American Philosophy (3)** (H)
Survey of American thought.

**306 — Advanced Logic (3)** (H)
Prerequisite: Philosophy 151 or completion of six hours of mathematics. Theory of formal systems; applied criteria of consistency, completeness and quantification, and other topics in symbolic logic.

**321 — Greek Philosophy (3)** (H)
Selected works of Plato and Aristotle.

**322 — Medieval Philosophy (3)** (H)
Survey of scholastic philosophy.

**343 — Existentialism (3)** (H)
Recent philosophical developments in the continental European tradition.

**344 — History of Scientific Thought (3)** (H)
Prerequisite: completion of the natural science and mathematics degree requirement. Key developments in the history of scientific thinking.

**354 — Philosophy of Education (3)** (H)
Historical and contemporary philosophical examinations of the goals and methods of education.

**371 — Seventeenth and Eighteenth Century Philosophy (3)** (H)
Survey of major thinkers from Descartes to Hume.

**372 — Kant (3)** (H)
Selected major works of Immanuel Kant.

**373 — Nineteenth and Twentieth Century Philosophy (3)** (H)
Critical consideration of major thinkers and movements from the late 19th century to the present.

**481 — Readings in Philosophy (3)** (H)
Discussion of philosophical literature in a field selected by the Department after consultation with students.

**491, 492, 493 — Individual Study (3-6)** (H)
Tutorial under the direction of a member of the staff. By permission of the Department.

**500 — Internship**
Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Physical Education

See Health, Physical Education and Recreation.

# Physics and Astronomy

Professor Atalay, Chairman (Career Adviser); Professor Nikolic; Instructor Brown.

The Department of Physics and Astronomy offers a curriculum charactertized by diversity, completeness, and rigor. Of the 24 courses, the majority are theoretical in nature; however, well-equipped electronics and nuclear physics laboratories make it possible for upperclass students to engage in research. The Department computer, a Nova-1220, functions with a number of separate languages and is available to students in any of the physics classes. The College Hewlett Packard 3000 is also available for sophisticated problems beyond the scope of the Nova-1220.

For the astronomy program, represented by an elementary astronomy course, the Department possesses two reflector telescopes — 3-1/2-inch and 7-inch Questars — and a four-inch refractor. The Department has the capability to provide additional course work in astronomy when the need arises.

The diversity of the curriculum allows students to pursue careers in industry, government, and teaching, or to undertake graduate work. While many career options are open for a recipient of a bachelor's degree in physics, the job opportunities are considerably enhanced for double majors, especially in physics/mathematics and physics/chemistry.

## PHYSICS

**101, 102 — General Physics (4, 4)** (N/M)

Introductory course. Primarily for nonscience and non-physical science students. Stresses conceptual rather than mathematical aspects. Laboratory.

**201, 202 — General Physics (4, 4)** (N/M)

Corequisite: Math 121. Introductory course. Primarily for science students. Covers essentially the same as Physics 101, 102, except more mathematical rigor is employed. Laboratory.

**311 — Atomic Physics (3)** (N/M)

Prerequisite: General Physics. Foundations of quantum mechanics, atoms with one electron, multielectron atoms, molecules, solid state physics, the special theory of relativity.

**312 — Nuclear Physics (3)** (N/M)

Prerequisite: General Physics. Nuclear structure, static and dynamic properties, and fundamental particles. A limited laboratory includes experiments in alpha, beta and gamma-ray spectroscopy.

**321, 322 — Classical Mechanics (3, 3)** (N/M)

Prerequisite: Physics 102, or 202 or equivalent, and Mathematics 221. Kinematics and dynamics of mass particle, conservation laws. Lagrange, Hamiltonian methods, Hamilton's equations of motion, the special theory of relativity. Only in sequence.

**331, 332 — Electricity and Magnetism (3, 3)** (N/M)

Prerequisites: Mathematics 221 and General Physics. Foundations of electromagnetic theory. Emphasis on lectures and limited laboratory demonstrations. Only in sequence.

**371 — Thermodynamics (3)** (N/M)

Prerequisites: Mathematics 221 and General Physics. Temperature, thermodynamic states and variables, the laws of thermodynamics, entropy, thermodynamic potentials, change of phase.

**382 — Electronics (3)** (N/M)

Prerequisites: Mathematics 221 and General Physics. Introduction to the theory and operation of electronic instruments and basic circuits. Limited lectures with emphasis on laboratory.

**391 — Optics (3)** (N/M)

Prerequisites: Mathematics 221 and General Physics. Introduction to theory of physical optics. Includes lectures and laboratory.

**411, 412 — Quantum Mechanics (3, 3)** (N/M)

Prerequisite: Physics 322. Schrodinger's equation, harmonic oscillator, matrix formulation of quantum mechanics, angular momentum, scattering theory, perturbation theory, relativistic quantum mechanics. The computer is often used for matrix manipulation. Only in sequence.

**451, 452 — Methods of Theoretical Physics (3, 3)** (N/M)

Prerequisites: Mathematics 221 and General Physics. Vectors, matrices, coordinates, functions of complex variable, differential equations, Fourier and Laplace transformation, vector spaces, variational methods, tensors, group theory. Only in sequence.

**462 — Advanced Nuclear Physics (3)** (N/M)

Prerequisite: Physics 312. Corequisites: Physics 411, 412. Mass, size and constitution of nuclei, nuclear models, two-body forces, scattering reactions, introduction to elementary particles. The computer is used for matrix computations. Usually taught as a summer course.

**472 — Statistical Mechanics (3)** (N/M)

Prerequisite: Physics 371. Ensembles, microcanonical, canonical and grandcononical distributions, Maxwell-Boltzmann, Bose-Einstein and Fermi-Dirac distributions.

**482 — Physics Seminar (1)** (N/M)

Open to third and fourth year physics students for credit.

**491, 492 — Independent Study (3, 3)** (N/M)

Open to senior physics majors only.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## ASTRONOMY

**201, 202 — Elementary Astronomy (3, 3)** (N/M)

Historical and descriptive survey of the physical universe. A limited laboratory is included

# Political Science

See Economics and Political Science

# Psychology

Associate Professor MacEwen, Chairman; Professors M. A. K. Kelly, Rabson (Career Adviser), Weinstock; Associate Professor Smith; Assistant Professors Bill, Butzine, Moeller (Career Adviser), Nissim-Sabat, Puhakka.

The principle objective of the Department of Psychology is to provide sound course coverage of a variety of content areas in the field of psychology (i.e., the study of behavior). This coverage includes both traditional areas and those that represent more recent trends and theoretical developments in the discipline.

Departmental flexibility permits the student to tailor a major program on an individualized basis, and each major is assigned an adviser to help shape a program of studies which is individually satisfying to the student as well as being educationally sound.

Students majoring in psychology have a number of career options. Those who have combined appropriate education courses with the major become certified to teach at the primary or secondary school level. Others use the major as preparation for entry-level jobs related to psychology, including positions as social workers, probation officers, drug-abuse workers, or technicians and assistants in a variety of mental health settings. Students interested in pursuing psychology as a long-range career find that the major provides an excellent background for graduate study.

**101, 102 — General Psychology (3, 3)**
Fundamental principles of human behavior; biological antecedents; motivation; perception; learning; individual differences; intelligence; and personality. Only in sequence. Psychology 101 and 102, or their equivalent, are prerequisite for all 300- and 400-level Psychology courses.

**261 — Elementary Statistics (3)** (S)
Consideration of descriptive and inferential statistical topics, including centrality, variability, correlation, regression and significance tests.

**262 — Intermediate Statistics (3)** (S)
In-depth coverage of data analysis techniques and inferential tests, particularly analysis of variance.

**301 — Social Psychology (3)** (S)
The interrelationships between the individual and his social environment. Social influences upon attitudes and behavior. Group dynamics.

**307 — Computer Applications in The Social Sciences (3)** (S)
Prerequisite: Elementary Statistics or instructor's permission. BASIC programming, statistical applications, computer simulation, and the general use of the computer as a research tool.

**310 — Psychology of Exceptional Children (3)** (S)
Deviations in physical, intellectual and emotional development. Relevant theories, issues, and therapy programs.

**311 — Abnormal Psychology (3)** (S)
Examination of the major varieties of pathological behavior, explanatory models and modes of treatment.

**315 — Foundations of Clinical Psychology (3)** (S)
Theories and practices of the major schools of psychotherapy: psycho-analysis, client-centered, transactional analysis, Gestalt, behavior modification.

**325S — Educational Psychology (3)** (S)
Both application and theory of learning and educational technology principles as they apply to the classroom setting.

**331 — Developmental Psychology: The Infant and Child (3)** (S)
Development from conception through childhood. Developmental processes, theories, issues and relevant research.

**332 — Developmental Psychology: The Adolescent and Adult (3)** (S)
Theories of, and research on, personality, social, physical and intellectual characteristics from adolescence to death. Emphasis on adolescence and aging.

**342 — Psychology of Personality (3)** (S)
Personality structure, dynamics, development, and methods of research.

**345 — Psychology of Learning (3)** (S)
Analysis of the theoretical issues and/or experimental bases of learning. Both human and infrahuman research will be considered.

**348 — Psychology of Motivation (3)** (S)
Primary and learned sources of motivation and their effects on behavior. Theory and data will be considered.

**371 — Experimental Psychology: Operant Conditioning (4)** (S)
Prerequisite: Psychology 261 or 262. Analysis of behavior utilizing the principles and procedures of operant conditioning. Laboratory work concentrated on the rat.

**372 — Experimental Psychology: Sensation and Perception (4)** (S)
Prerequisite: Psychology 261 or 262. A laboratory approach to the study of visual and auditory sensory and perceptual psychology, with emphasis on psychophysical methods.

**373 — Experimental Psychology: Human Learning (4)** (S)
Prerequisite: Psychology 261 or 262. An examination of method, data and theory in human learning and memory research.

**374 — Experimental Psychology: Physiological Psychology (4)** (S)
Prerequisite: Psychology 261 or 262. Critical survey of physiological correlates of behavior emphasizing neurophysiological mechanisms in perception, motivation and learning plus methods of physiological investigation.

**380 — Psychological Tests and Measurements (4)** (S)
Prerequisite: Psychology 261 or 262. Theory of test construction and the interpretation and uses of tests. Test administration and techniques of handling data.

**392 — Behavior Genetics (3)** (S)

Prerequisites: One year of biology and one year of psychology. Principles of genetic transmission, gene action, population structure and evolutionary theory applied to problems in animal and human behavior.

**394 — Psychopharmacology (3)** (S)

Prerequisite: One year of biology or one year of chemistry. Introduction to principles of drug action in the body, drug effects on behavior and social psychology of drug use.

**421 — History of Psychology (3)** (S)

Survey of the historical antecedents of modern psychology.

**470, 471, 472, 473, 474 — Selected Topics In Psychology (3 each)** (S)

Enduring and/or contemporary issues in psychology.

**491 — Individual Research (1-4)** (S)

Prerequisite: Permission of departmental staff member. Empirical investigation and/or library research. Maximum of eight credit hours allowable toward fulfilling the major field requirement.

**500 — Internship (3-12)**

Supervised off-campus experience, developed in consultation with the Department.

# Religion

Professor Clark, Chairman (Career Adviser); Associate Professor Cain.

The Department of Religion acquaints students with ways of studying religion, the kinds of questions to be asked, and the kinds of answers which learning can and cannot yield.

Departmental offerings focus on the history and theology of the Western religious tradition. The small size of the Department permits personal attention, encouragement of individual interests, and a high degree of flexibility. A guided research course, taken by all senior majors, involves a senior paper.

The B.A. degree in religion equips students for graduate school or seminary study in religion, as well as in graduate programs in other fields. Career opportunities are not limited to those opened by further study. A religion major is a humanities student of broad cultural awareness trained to think, write, and express himself cogently, to enter into dialogue discerning with diverse ideas and perspectives. Such training is requisite to any career and is ultimately practical in life itself.

# Russian

See Modern Foreign Languages.

# Russian Studies

(Interdisciplinary Major)

Professor Bozicevic, Program and Career Adviser.

An interdepartmental major, the Russian Studies program is area-oriented and includes study in Russian language and literature along with pertinent courses in economics, geography, music, history, political science, and sociology. It can be helpful to students seeking careers in government service, law, business, journalism, international affairs, and the natural sciences. A major in Russian Studies may also be combined effectively with any above-mentioned departmental majors or a foreign language major.

**105 — Introduction to Religion (3)** (H)
Various approaches to the study of religion, their significance and limits; Eastern and Western traditions in relation to contemporary concerns.

**111 — Introduction to Christian History (3)** (H)
Selected topics in the development of Christianity and its institutions from the birth of the church to the present.

**117 — Introduction to Christian Theology (3)** (H)
The "how" as well as the "what" of theology is explored in relation to basic doctrines and concepts.

**201 — Judaism (3)** (H)
Historical and religious development of Judaism from Biblical times to the present.

**202 — The Roman Catholic Tradition (3)** (H)
Historical and theological development of western Catholic Christianity through the Second Vatican Council.

**203 — The Protestant Tradition (3)** (H)
Historical and theological development of Protestant denominations and sects from the Reformation to the present.

**205 — The Hebrew Bible (3)** (H)
The history, literature and religion of ancient Israel.

**206 — The New Testament (3)** (H)
Historical-critical methods of study are introduced and applied in investigating New Testament sources, forms and theological motifs.

**217 — Primitive Religions (3)** (H)
Religions of non-literate peoples. Emphasis is on interpretation of myths, rituals and shamanism.

**220 — Studies in Suffering and Evil (3)** (H)
A theological and literary examination of theodicy: "If God is good, whence evil?" Emphasis on humor and death.

**231 — Special Studies in Religion (3)** (H)
Among topics taught at different times: Women and Western Religious Tradition; Mysticism East and West; Christian Ethics Today.

**271 — Studies in Faith and Literature (3)** (H)
Study of relationships between Christian faith and literary art in the context of contemporary novels and plays.

**281 — The Religion of India (3)** (H)
Study of historical development and basic traditions of South Asian religions, especially Hinduism and Buddhism.

**282 — The Religions of China and Japan (3)** (H)
Study of historical development and basic traditions of East Asian religions, especially Buddhism, Confucianism, Taoism, Shintoism.

**306 — Early Christian Thought (3)** (H)
Theology of the early church with emphasis on the development of Trinitarian and Christological thought.

**313 — European Theology (3)** (H)
Prerequisite: either Religion 111, 117, 202, or 203. Persons and problems of 20th century theology from Barth to Moltmann, from liberal to liberation theology.

**314 — American Theology (3)** (H)
Prerequisite: either Religion 111, 117, 202, or 203. Death of God, Secular, Black, Process and Play theologies are investigated; emphasis on present theological problems and possibilities.

**331 — Special Studies in Religion (3)** (H)
Among topics taught at different times: 19th Century Theology, Protestant Reformation.

**341 — Major Religious Thinkers (3)** (H)
Among thinkers studied in depth at different times: Augustine; Soren Kierkegaard; Elie Wiesel.

**401 — Guided Research (3)** (H)
Preparation of a senior paper under the direction of the Department. Required of all senior majors.

**491, 492, 493, 494 — Individual Study (3 each)** (H)
Individual work under the guidance of the Department. By permission of the Department.

**500 — Internship**
Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Sociology and Anthropology

Professor Carter, Chairman; Professors Allen, Sletten (Career Adviser for Sociology); Assistant Professors London, Williamson (Career Adviser for Anthropology).

The major program in sociology offers a strong grounding in the development of sociological theory and methods of sociological research. Specific courses focus upon major aspects of social structure and social institutions. Individual study and research offers the student the possibility of working with faculty guidance in an area of special interest. Also available is internship experience in a community agency or organization with faculty and other professional supervision.

As a body of reliable knowledge and a method of scientific investigation, sociology provides the student with insights into the nature of culture, social structure, and the development of human personality.

Career opportunities develop from the study of sociology through skills acquired for analysis of social groups, skills highly valued by administrators and executives in various businesses and organizations. Graduates are working as governmental administrators, in education and teaching, and as executives in Scouting, Red Cross and other community groups. Those with advanced degrees are also working as research associates in public and private research. Other majors have entered fields such as social case work, medical social work, psychiatric social work as well as probation and parole.

Courses in anthropology are designed to acquaint students with the varieties of human culture and society, and with the different ways in which the study of man can be approached: physical, archaeological, sociocultural, and linguistic. Anthropology 101 is prerequisite for all upper-level courses except by permission of instructor.

## SOCIOLOGY

**201 — Principles of Sociology (3)** (S)

Basic characteristics of group life; status, role, social structure, culture and interaction between persons and groups.

**202 — Social Problems (3)** (S)

Social change, deviants, social and personal disorganization, mobility; delinquency, crime; political, industrial and other group conflicts.

**303 — Culture, Social Structure and Personality (3)** (S)

Impact of culture and social structure upon individuals, and of socio-cultural norms and values upon personal attitudes and behavior.

**304 — Social Stratification (3)** (S)

Prerequisite: Sociology 201. Analysis of inequality in society. Nature and effects of stratification in modern society.

**311 — Demography and Human Ecology (3)** (S)

Basic principles of social and formal demography. Relationship of social, economic and psychological factors on demographic processes.

**312 — Comparative Community Studies (3)** (S)

Prerequisite: Sociology 201. Cross-cultural study of the impact of modernization, urbanization, and political centralization on communities. Offered in alternate years; offered 1978-79.

**313 — Urban Sociology (3)** (S)

Common problems of city living, ecological factors in growth of cities and their influence upon social behavior. First semester.

**314 — Population Trends: Special Topics in Population (3)** (S)

Intensive treatment of selected special topics in population. Second semester. Offered in alternate years; offered 1979-80.

**331 — The Family (3)** (S)

Historical, social-psychological and cultural study of sex roles, mate selection, courtship, marriage and family relations.

**334 — Medical Sociology (3)** (S)

How disease and health relate to social structure and culture; correlates of diseases. Organization and role analysis of health professions.

**341 — American Society (3)** (S)

Overview of contemporary society; modifications of the liberal progressive ideology and organization; changing male and female roles; growth of bureaucracy; work and leisure.

**342 — Occupations and Social Structure (3)** (S)

Treatment of major occupational groups; special emphasis upon professions and executive roles, including relationships with other aspects of society.

**351 — Juvenile Delinquency (3)** (S)

Prerequisites: Sociology 201, 202. Sociological analysis of the nature, extent, causes, impact and treatment of juvenile delinquency. Offered in alternate years; offered 1978-79.

**352 — Criminology (3)** (S)

Crime, its nature, types, extent and historic trends; causal theories, mythical and scientific; programs of crime control, treatment and prevention.

**362 — Methods of Social Research (3)** (S)

Study design, observation, interviewing, questionnaire construction and administration, survey research and analysis, and other topics.

**363 — Sociological Research: Data Analysis (3)** (S)

Prerequisites: Sociology 201, Sociology 362, and Statistics 200. Analysis of data from sample surveys, census materials. Use of secondary data to prepare research reports.

**402 — Sociology of Human Development (3)** (S)

Micro-social structures and processes, socialization, chief agents, impact of social interaction with siblings, peers and parents, age-grading, other vertical gradients.

**421 — Human Relations (3)** (S)

American racial and ethnic groups; focus on Indians and Blacks; concepts of prejudice, discrimination, segregation, inter-group conflict, accommodation, cooperation.

**422 — Sociology of Religion (3)** (S)

Prerequisite: Sociology 201 or instructor approval. Social factors in development and function of institutions in world religions; chief focus on Judeo-Christian tradition.

**442 — Social Change (3)** (S)

Theories of social change and evolution; analysis of historical changes.

**471 — History of Social Theory (3)** (S)

Presentation and analysis of major forms and themes of social and early sociological theory from Greece to the 20th century.

**472 — Contemporary Sociological Theories (3)** (S)

Major sociological theorists of the 20th century.

**488 — General Readings (3)** (S)

Usually one set of readings on some major concepts or points of view in contemporary sociology with an emphasis upon discussion.

**489 — Special Readings (3)** (S)

One or several sets of readings and discussions from a sociological point of view. Student interest is important in selection of the topics.

**491, 492, 493, 494 — Individual Study and Research (3)** (S)

Available to qualified students. Reading and research; project or paper with guidance of a faculty member.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

## ANTHROPOLOGY

**101 — Introduction to Cultural and Social Anthropology (3)** (S)

How primitive peoples organize their worlds. Examination of various basic concepts in a number of different societies. Offered first semester. Prerequisite for all upper-level courses except by permission of the instructor.

**102 — Introduction to Physical Anthropology and Archaeology (3)** (S)

Physical sub-disciplines: paleontology, primatology, evolution, genetics, human varieties. Archaeology: objectives, techniques, participation in local field work. Offered second semester.

**201 — Ethnography of North American Indians (3)** (S)

Various Indian societies from different cultural areas, both ancient and modern; theoretical problems related to Indian cultures.

**202 — Ethnography of South Pacific Peoples (3)** (S)

Societies and cultures from the South Pacific: Philippines, Melanesia (including New Guinea), Micronesia, and Polynesia (including New Zealand). Second semester, 1978.

**301 — History of Culture Theory (3)** (S)

Examination of theories of the analysis of culture from the beginnings of anthropological thought until the present. First semester.

**312 — Women in Anthropology (3)** (S)

Study of women both as anthropologists and as objects of anthropological investigation in a number of different social contexts. Second semester.

**322 — Symbols and Communications (3)** (S)

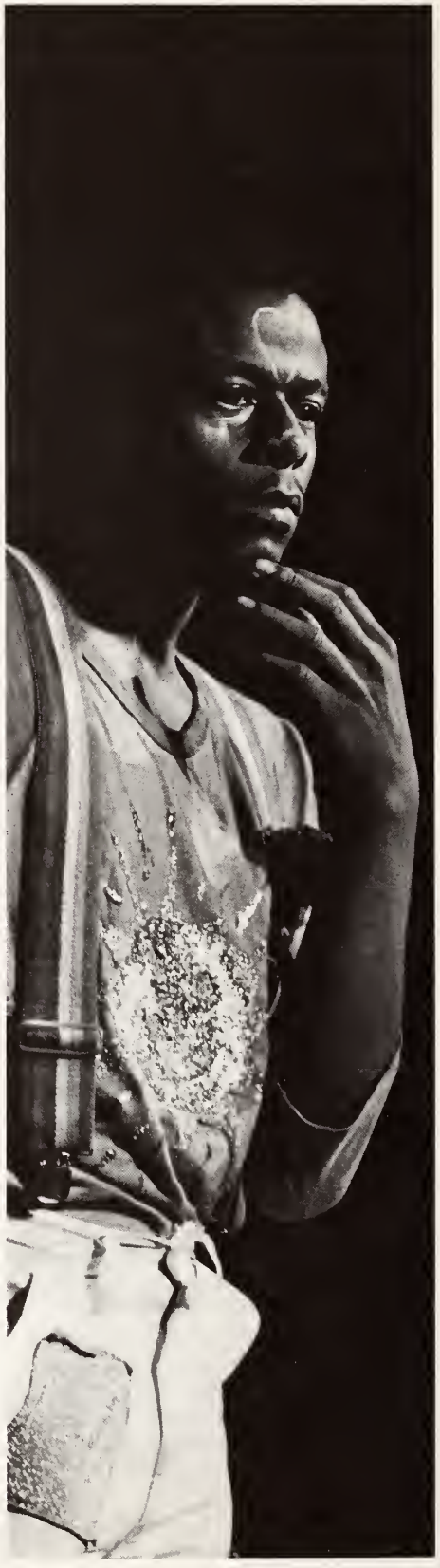
How anthropology studies the communications used by society and culture (symbols, signs, signals) with emphasis on symbols: what they are, what forms they take, how they acquire meaning, etc. The question of seemingly "symbol-less" societies will be addressed.

**491, 492 — Individual Study and Research (3, 3)** (S)

Individual work under the guidance of the instructor. By permission of the instructor.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.



## Spanish

See Modern Foreign Languages.

## Speech

Associate Professor Duke, Chairman (Career Adviser).

The objectives of the Department are threefold: to enhance student skills in oral communication through theory and practice in reading and speaking; to increase student understanding of the structure of the spoken language; and to provide students with a basic knowledge of the anatomy and physiology underlying the speech mechanism.

A major program in speech pathology and audiology is offered in cooperation with the University of Virginia. Students complete three years at Mary Washington College, spend the senior year in residence at the University of Virginia, and receive their degrees from Mary Washington College. Full details on this program are available from the Chairman.

In addition to the specific pre-professional education afforded by the cooperative program, the Department provides students with the opportunity to increase their personal effectiveness in oral communication, an integal component of most vocations on the professional and supervisory level.

**261 — Voice and Diction (3)** (H)

Theory and practice of principles necessary to speech improvement. Individual analysis is offered to improve the student's voice, articulation, and pronunciation.

**301 — Group Discussion (3)** (H)

Philosophy and practice of group discussion as a means of problem-solving and the exercise of group leadership. Offered in alternate years; offered 1979-80.

**302 — Public Speaking (3)** (H)

A study of the art of public speaking: the composition, organization and delivery of speeches of various types. Offered in alternate years; offered 1979-80.

**331, 332 — Oral Interpretation (3, 3)** (H)

Interpretation of prose, poetry and dramatic literature in terms of its intellectual, emotional and aesthetic content.

**361 — Voice Science (3)** (S)

A study of the anatomical, physiological and neurological functioning of the speech and hearing mechanisms. Offered in alternate years; offered in 1978-79.

**362 — Phonetics (3)** (S)

A study of American dialects and standards of speech employing the International Phonetic Alphabet. Offered in alternate years; offered 1978-79.

**491, 492 — Individual Study (3, 3)** (H)

Individual study under the direction of a member of the staff. By permission of the Department.

**500 — Internship**

Supervised off-campus experience, developed in consultation with the Department. Credits variable.

# Academic Policies

At Mary Washington College standards have been set to provide for a smoothly run academic program. Rules and regulations guarantee that all students are treated fairly in both their academic and non-academic lives. The Student Handbook, issued by the Dean of Student Services, describes non-academic policies.

For academic procedures, students and faculty consult this catalog and the Dictionary of Academic Regulations, a comprehensive and easy-to-use reference. Both the catalog and the dictionary are for the convenience and information of the student. Neither should be interpreted as an irrevocable contract. Academic policies and procedures and degree requirements are listed according to standards in effect at the time of printing, and are subject to change at the discretion of the College. All changes are announced by mail or in the Weekly Bulletin. If a change is announced which affects the student's program, it is the student's responsibility to adjust that program accordingly or to obtain written confirmation from the Dean for any variation. (The Dean welcomes questions and requests concerning the interpretation and applicability of academic policies and procedures.)

Since the final responsibility for meeting all degree requirements rests with the students, they should have complete knowledge of the regulations pertaining to the academic program of the College. The Dictionary will be distributed to each entering student and will be updated annually.

## Honor System

Since 1944, the students of Mary Washington College have lived under the Honor System. Although its constitution is occasionally revised, the Honor Code has remained basically the same throughout the years. The Honor Council retains sole control of its operations and is responsible to the student body, which derives its authority to establish the Honor System from the Board of Visitors. Because of the nature of the Honor System, final responsibility lies with the Board of Visitors, but all enforcement is in the hands of students.

The Honor System provides that a student shall act honorably in all relationships of campus life. Lying, cheating, stealing or breaking one's word of honor are considered infringements of the system, and the penalty for a violation, as determined by the Honor Council, may be dismissal from the College. The pledge required on quizzes, examinations, and other classwork means that the work the student submits to a professor is the student's own and has been completed in accordance with the requirements for the course as laid down by the professor.

All students must understand that by accepting admission to Mary Washington, they make a commitment to the provisions of the Honor Code. Upon entering the College for the first time, every student is given a copy of the complete Honor Code and is expected to become familiar with its provisions. (See the Student Handbook for a copy of the Honor Constitution.) Student counselors interpret the Honor System to all new students before they are asked to sign a pledge card stating that they understand what is expected and realize that a plea of ignorance will not be accepted by the Honor Council. Registration as a student is not considered complete until this card has been signed.

## Calendar

Mary Washington College uses a calendar of two semesters and one summer session. The fall semester begins in late August and ends in December; the spring semester begins in January and ends in May. Since it is an integral part of the school calendar, the summer session permits the completion of a full semester's work.

## Residence Requirements

Residential students carrying less than 12 credits must have permission from the Dean of Student Services to live in a residence hall. Students on financial aid should consult the Dean of Admissions and Financial Aid if they wish to carry fewer than 12 credits.

A student must earn at least 30 academic credits at Mary Washington to be considered a degree candidate. These 30 credits must include at least three-fourths of the major program, unless the student is spending the junior year abroad in an approved language program.

Students must spend the last session (regular semester or summer session) of their degree programs on campus. This rule does not apply to students in the two cooperative programs, Medical Technology and Speech Pathology and Audiology, in which the fourth year is spent at a cooperating institution.

## Junior Year Abroad

The procedure for earning credits at colleges and universities abroad is basically the same as earning credits at other institutions in the United States, except that more advance planning is necessary.

With the help of departmental faculty and the Assistant Dean for Advising, interested students should investigate the wide range of available programs. Most students spend the year abroad with a program sponsored by an American institution, although a few apply directly to the foreign school. All courses must be approved in advance for transfer credit by the Assistant Dean for Advising. Courses to be counted in the major program must also be approved by the student's major adviser who helps the student structure a program in relation to the major at Mary Washington.

## Transfer Credit

The number of students transferring to Mary Washington from other institutions is increasing, and the College makes every effort to facilitate this transition.

As a rule, transfer credit is given for courses of the same type (liberal arts courses) and under the same guidelines as courses offered at Mary Washington. Courses for which transfer credit is requested must not overlap those which the student takes at the College, and a minimum grade of C must have been earned. New transfer students should have transcripts from other institutions sent directly to the Office of Admissions. This office will complete an estimate of transfer credits to be allowed. After admission procedures have been completed, a final evaluation will be issued by the Office of The Dean.

A student enrolled at the College who plans to earn transfer credit from another institution should provide a catalog description of the course or courses, and request advance approval from the Office of the Dean, before registering for the course. If the course is approved and the student earns a grade of C or better, the credits are recorded on the student's permanent record at Mary Washington. Transcripts of courses approved for transfer credit should be sent directly to the Office of Student Records.

Grades earned in transfer work do not affect the student's quality point average at Mary Washington College. Credit is given for the hours only.

## Credits Earned Other Than by Regular Class Instruction

Credits other than those earned through regular course work include 1) Advanced Placement, 2) Challenge Examination, 3) College-Level Examination Program (CLEP), and 4) Credit-by-Examination. Although quality points are not given for these credits, they may be counted toward basic requirements or, if applicable, for the major.

**Advanced Placement.** Students entering from high school may apply for college credit through the examination given by the Advanced Placement Program of the College Entrance Examination Board. These examinations are offered in the third week of May in American history, biology, chemistry, English, European history, French, German, Latin, mathematics, physics, and Spanish. For further information students should consult their high school guidance counselors.

Interested students should have the results of the Advanced Placement examination forwarded to the College. Normally, credit is given for a score of three or higher. Credits earned in this manner may not count toward the major program. They may, however, be used to satisfy Basic Requirements.

**Challenge Examination.** These may be taken by an entering student to support a petition for academic credit for mastery of subject matter covered by selected courses offered by Mary Washington College. Challenge examinations may not be taken in studio and laboratory courses, seminars, individual study courses, and many upper-level courses. Credits earned in this manner may not count toward the major program, but may be used to satisfy Basic Requirements. A fee is charged for taking a challenge examination.

**College-Level Examination Program (CLEP).** The College participates in the CLEP, administered by the College Entrance Examination Board. The College does not give credit for the General Examination, but does give credit for selected subject examinations, providing that the student scores above the fiftieth percentile. The program is designed for the mature student with knowledge gained by means other than through academic work. More information, including the specific credits assigned, is available from the Office of the Dean. Credits earned by CLEP may not count toward the major program, but may be used to satisfy Basic Requirements.

**Credit-By-Examination.** An enrolled student may request from a department a special examination on any course for which an examination is appropriate. If the student passes the examination, the course and a grade of "CR" will be recorded on his transcript for hour credit, but not for quality-point credit. If the student fails the examination, a grade of "CI" (Test Incomplete) is recorded. During the next regular semester this grade must be removed by taking and passing the course; otherwise, the Test Incomplete will be converted to an "E." The course may be taken on a graded or pass/fail basis. If taken on a graded basis, the course may count toward the major program or be used to satisfy Basic Requirements. A fee is charged for this examination. Credit-by-Examination is not available for such courses as seminars, individual study, studio, and laboratory courses.

**Physical Education Credit for Military Services.** Students who have been in military service may receive up to two credits in physical education, with one credit given for one year in the service.

## Course Load

If a student intends to graduate in eight semesters, normal progress toward a degree is as follows: a minimum of 28 credit hours completed for the first two semesters and 15 to 18 credit hours completed during each of the remaining six semesters, for a total of 122 hours.

Under this definition of normal progress, students are classified as follows: freshmen, fewer than 28 credits; sophomores, 28 to 57 credits; juniors, 58 to 89 credits, seniors, 90 credits or more.

Students wishing to accelerate and graduate in fewer than eight semesters, will consistently take 17 or 18 credits each semester and attend summer sessions. In this way, a student can graduate in three calendar years.

## Attendance

In the educational philosophy of the College, classroom work is an essential part of educational development. Therefore, the College expects regular class attendance, although it does not impose any set rules. An instructor may require a student whose absences are excessive to withdraw from a course. No less than 25 per cent of the total number of class meetings may be considered excessive, and the instructor must announce during the first week of the semester whether he will enforce the excessive absence rule.

Students are responsible and accountable for all tests, assignments, material covered, and announcements made in class whether they are present or not. Leaving campus early for weekends or holidays is never a valid reason for missing classes or shifting examinations. Students whose class attendance is unnecessarily irregular may be requested by the Dean to withdraw from the College.

A student who has been in the infirmary and has missed classes should tell the instructor, who may call the infirmary to learn whether the College physician has advice on how to work with the student. Students under the care of a doctor should request a memo of confirmation from the doctor to present to their instructors. A student unavoidably absent for a week or more, due to hospitalization, serious illness, or a sudden emergency, should notify the Advising Office as soon as possible. If appropriate, the Assistant Dean for Advising will inform instructors of the student's circumstances; but this in no way relieves the student of responsibility for course work.

Students faced with unavoidable extended absences should consult not only with their instructors but also with the Assistant Dean for Advising to discuss the advantages of withdrawing for the semester.

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## Grading

Academic performance in any course is rated according to the following system, which is printed on all grade reports:

| | |
|---|---|
| A | unusual excellence |
| B | work distinctly above average |
| C | work of average or medium quality |
| D | the lowest passing mark, work of below average quality |
| F | failure, no credit in the course |
| PA | pass, in a pass/fail course |
| FA | failure, in a pass/fail course, no credit in the course |
| SA | satisfactory, in a physical education course |
| UN | unsatisfactory, in a physical education course, no credit in the course |
| I | incomplete, illness or emergency in final portion of a semester has prevented the student from finishing the course. |
| CR | test out (credit-by-examination) |
| CI | test incomplete (credit-by-examination) |
| WP | withdraw passing |
| T | transfer |
| CH | challenge examination passed |
| AP | testing service examination passed |

**Quality-Point Average.** Each grade, A through D, carries a stated number of quality points, which are multiplied by the number of credit hours to compute the total quality points for the course. A carries four; B carries three; C carries two, and D carries one. Thus, a three-hour course with a grade of A provides 12 quality points; similarly, if a course carries four hours of credit and the grade is A, it provides 16 quality points.

The quality-point average is computed by dividing the total under hours attempted (on the grade report) into the total under Qualtiy Points. Note that the hours attempted column does not include hours taken pass/fail, credit-by-examination, transfer credits, or physical education hours.

**Pass/Fail Option.** With the approval of an academic adviser (for freshmen and sophomores) or a department adviser (for juniors and seniors), a student may take one course each semester or during a complete summer session on a pass/fail basis for a maximum of eight pass/fail courses during the entire degree program. These courses can be used for competence, elective, or diversification credit, but not for basic or major requirements. A student may take a pass/fail and a physical education course in the same semester. The decision to take a course pass/fail must be made within the first two weeks of the semester, but most often the student decides at registration. Otherwise, the Advising Office must change a course from graded to pass/fail or from pass/fail to graded. Before electing to use the pass/fail option, a student should consider its effect on his opportunity to earn academic awards and distinctions, for these are calculated on the basis of a specified minimum number of graded credit hours.

## Suspension

Students must be suspended for academic deficiency if they fall below a "C" average for the fourth semester, whether successive or not. Suspension means that a student may not register for classes for at least two successive semesters, a full summer session counting as a semester. After that time, continuance is possible only after a schedule of return to good standing has been agreed upon in writing between Dean and student. The student must maintain this schedule in order to continue at the College.

## Withdrawal from the College

A student who wishes to withdraw from the College during the semester must notify the Office of the Dean in person and, if a minor, must have written consent of parent or guardian. The College requests that the student also meet with the Assistant Dean for Advising. At that time, the student may be placed on leave of absence.

## Recognition of Student Achievement

**The Dean's List.** A student carrying at least 12 hours of new work on which quality points may be computed at the close of a grading period who attains a grade-point average of 3.50 or better on all work taken for graded credit for any semester is placed on the Dean's List of Honor Students. Decisions on the Dean's List are based on a student's record as it stands at the official close of the semester grading period. Thus, incompletes always prevent consideration for the Dean's List.

**Intermediate Honors.** A student at Mary Washington College who, as a freshman and sophomore, achieves a 3.75 quality-point average is awarded Intermediate Honors. To be eligible for Intermediate Honors, a student must have completed at least 58 hours, of which at least 44 must be work on which quality points can be computed.

**Distinction Awards.** General academic attainment of graduating seniors will be recognized through the awards of Distinction, High Distinction, and Highest Distinction, based solely on the student's academic average at Mary Washington College. The level of attainment for each award is as follows: Distinction, 3.25; High Distinction, 3.50; Highest Distinction, 3.75. A student may receive both departmental honors and one of the distinction awards.

To be graduated with Distinction, High Distinction or Highest Distinction, a student must have earned at least 94 hours on which quality points may be computed.

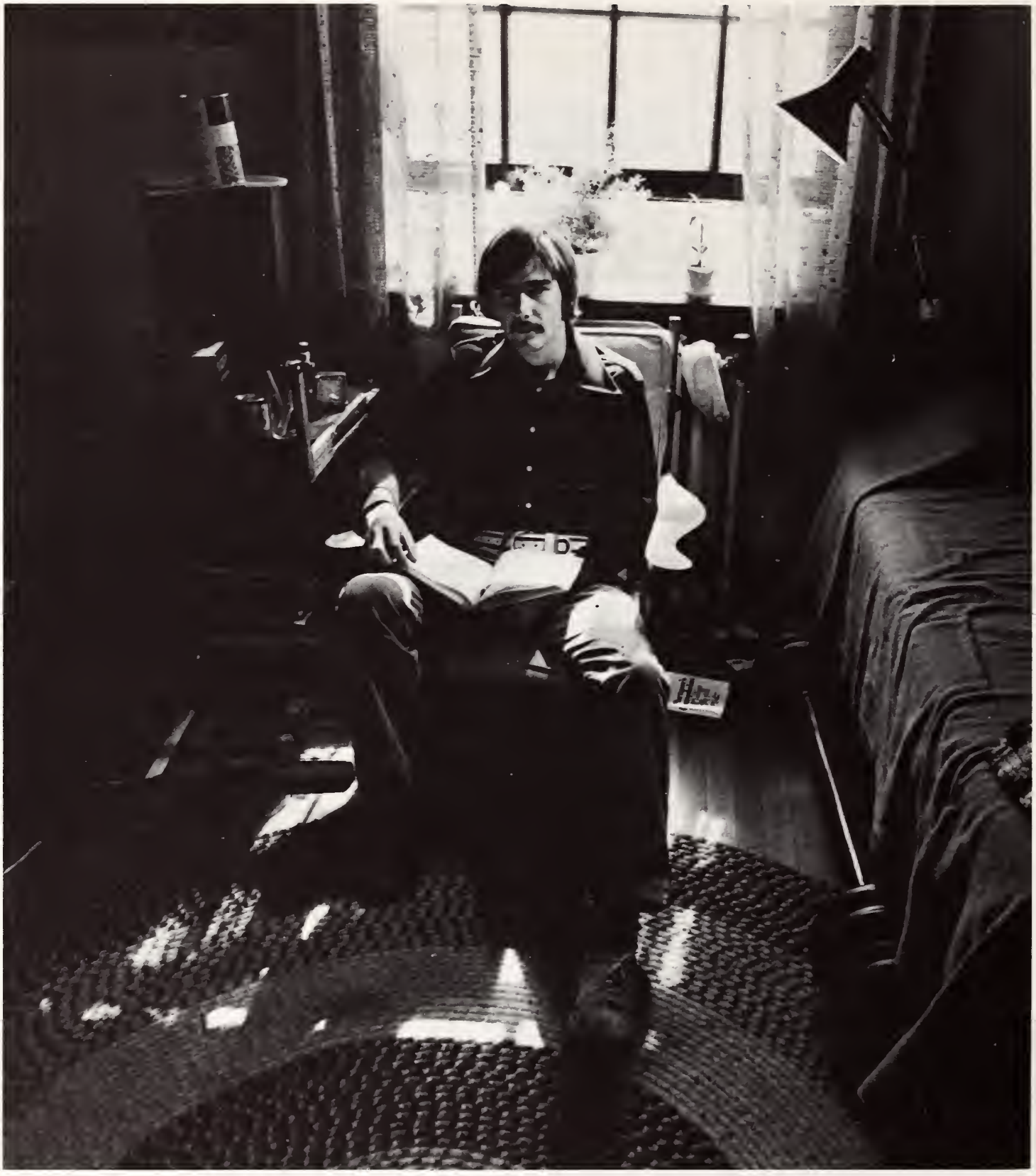
**Mary Washington College Alumni Award.** This award is presented annually by the Alumni Association at the Senior Convocation to that member of the graduating class who has shown distinction in academic achievement and outstanding service to the College.

**Colgate W. Darden, Jr. Award.** This award was established in 1960 to honor Colgate W. Darden, Jr. President of the University of Virginia from 1947 to 1959. It consists of a medal designed by Gaetano Cecere, formerly of the Department of Art, and a cash sum. It is awarded to the senior having the highest academic average.

To be eligible for the Darden Award, a student must have earned at least 94 hours on which quality points may be computed.

## Recognition of Faculty Achievement

**Grellet C. Simpson Award.** This award, made possible by an anonymous donor, is presented each year at graduation to a faculty member in recognition of excellence in undergraduate teaching.



# Admission

Mary Washington College takes a personal approach to admissions. Your admissions application will be discussed and weighed along with other information you send. Personal Interviews are encouraged, and supporting information about yourself is helpful in the selection process.

The admissions office is open for your visit and is willing to answer questions and provide information about any aspect of college life. An applicant to Mary Washington College is viewed as an individual rather than just another form to process.

Typically, the MWC freshman has followed an academic course in high school and has Scholastic Aptitude Test scores totaling just over 1,000; scores for 90 percent of the class range between 800 and 1300. Students who are accepted for admission are generally in the top third of their graduating classes.

Typical transfer students accepted at Mary Washington are in good academic and social standing at their last institutions. They have taken programs similar in nature to programs at Mary Washington. The level of success at the last institution predicts the chance of success at Mary Washington.

Three programs permit selected high school students to enter Mary Washington College before high school graduation. Students who do not plan to earn a Mary Washington degree can apply for admission as special students.

Most Mary Washington students apply for admission during the first semester of their senior year in high school and enter college the following fall. About 12 per cent of Mary Washington students enter as transfer students with credits from another college. Admission requirements and procedures cannot meet the situation of every applicant. If you have particular questions, problems or requests, contact the Dean of Admissions and Financial Aid.

Mary Washington College does not discriminate in recruiting, admitting, or enrolling students on the basis of race, color, religion, physical disability, national origin, political affiliation, marital status, sex, or age. Questions may be directed to the Vice President and AAEEO Officer, Mary Washington College.

For the purposes of initial admission and continuance there are two ways in which students may be classified: regular and special. Each group contains two kinds of students; full-time (taking 12 or more credit hours or by permission) and part-time (taking 11 credit hours or fewer).

## Regular Students

To be admitted as a regular student, an individual must submit a full application with all supportive transcripts from secondary school and all collegiate institutions attended. This application, along with information furnished by the secondary school and results of the College Board Scholastic Aptitude and Achievement Tests, is reviewed by the appropriate Committee on Admissions, and upon its decision, the applicant is either admitted or not admitted as a degree-seeking student at Mary Washington College.

A regular student may be full-time or part-time. This is determined at the time the student registers for classes and depends upon the number of hours carried for credit. Generally, a regular student must register for 12 or more credit hours to qualify for full-time status. A regular student may, however, be given permission by the Dean of the College and the Dean of Student Services to maintain full-time student status and register for fewer than 12 credit hours for reasons of health, academic performance, service in the student leadership role of President of the Honor Council or President of the Student Association, or for other special circumstances. Students receiving this permission shall pay the tuition and fees of a regular student with full-time student status. During the semester, a regular full-time student may drop without permission below a course load of 12 credit hours and become a part-time student; in such cases there will be no remission of fees. A student may not live in college housing while carrying fewer than 12 credit hours without permission from the Dean of Student Services. Students receiving financial assistance must consult with the Dean of Admissions and Financial Aid concerning the consequences of dropping below a course load of 12 credit hours.

A person who has been admitted as a regular student remains a regular student until graduation from Mary Washington College. That person cannot become a special student after having been admitted as a regular student.

## Admission as a Special Student

Applicants for admission as special students are most often those who are interested not in a degree but in specific courses, or students at other institutions who wish to earn credits to transfer to their own institutions.

Special students complete a greatly abbreviated application form and must submit proof of high school graduation or a statement of good standing, or of graduation from another college. The Dean of Admissions and Financial Aid makes the decision on the admission of special students. Special student admission is an open-door policy as long as the student's record appears to be clear. Admission as a special student is not admission to a degree program of the College.

The special student will be notified of the specific time of registration. Although the application may be submitted at any time up to the first day of class, it is more convenient if the application is submitted well in advance.

Special students may be full-time or part-time; however, almost all special students are part-time. This is the intent of the program. A part-time student can take 11 credit hours or fewer and pay by the credit hour attempted. A special student can seek permission of the Dean of Admissions and Financial Aid to be a full-time special student. Certain criteria must be met if such permission is to be granted. Full-time special students are college graduates who are seeking certification in education or a similar field, college students who are taking a full program of study which they have been given permission to transfer to their parent institution to complete a degree program, or students who are taking a full program to qualify for graduate or professional school.

A person who has applied to Mary Washington College as a regular student for any session and who has been denied admission is not eligible to apply to the college as a special student.

A person who has at one time been a special student at Mary Washington College can apply at a later date as a regular student. The person then submits the regular student application with all supportive information. This application will be reviewed by the Committee on Admissions.

## Admission Directly after High School

A student who intends to enter Mary Washington directly after high school graduation should request application materials from the Dean of Admissions and Financial Aid early in the first semester of the senior year. Students requesting a decision under the Early Decision Plan should also request the Early Decision Agreement form.

The application should be returned as soon as convenient. The transcript form and the mid-year school report form must be completed by the appropriate high school official and returned. If the scores earned on the Scholastic Aptitude and Achievement Tests have not already been sent to the College, the applicant should request the College Board to send them directly to Mary Washington.

The suggested deadline for submitting an application is March 1. All applicants who meet this deadline will be notified of the Committee's decision by April 1. All acceptances are conditional upon second semester performance.

A student who applies after the suggested March 1 deadline follows the same procedure. Applications will be considered on a space available basis. The Committee will announce its decision as soon as possible after materials have been received.

**High School Preparation.** The general academic requirements for admission are graduation from an accredited high school or preparatory school* and credit for at least sixteen acceptable entrance units.**

The sixteen academic units must include the following:

*English, 4 units*

*College preparatory mathematics and science, 4 units* — A student who anticipates a college major in one of the natural sciences or mathematics, or who intends to certify as a teacher, should have earned three units in mathematics selected from algebra, geometry, trigonometry, calculus, or combinations of these courses, plus one unit in science. A student anticipating other major programs may submit two college preparatory units of mathematics and two units of science.

*Foreign language, 2 units* — Two units in the same foreign language are required and more are recommended.

*Social Studies, 2 units*

*Electives, 4 units* — Electives may consist of additional units in any of the areas listed, as well as units earned in art, music, drama, journalism, etc.

A student attending a five-year school or one who begins traditional secondary school subjects in the eighth grade must complete eighteen academic units in order to meet the minimum requirements for admission. A student who does not meet the recommended distribution of subjects, but feels otherwise qualified, should write to the Dean of Admissions and Financial Aid.

*A school which is accredited by the state or a regional accrediting agency.
**An entrance unit represents a year's successful study of a subject in a high school or preparatory school, the class meeting five times a week.

**Examinations.** Students entering directly from high school are required to take the Scholastic Aptitude Test and Achievement Tests in English Composition and in at least one other area of the applicant's choice. These tests should be completed no later than January of the senior year.

Information about the tests may be obtained from the College Board Admissions Testing Program, Box 592, Princeton, New Jersey 08540, or from secondary school counselors. When applying for the tests, the student should specify that the results be sent to Mary Washington College (College Code Number 5398).

**Character, Personality and Interests.** In addition to the scholastic record, recommendations from appropriate school officials are welcomed. Such recommendations should include an assessment of academic potential, as well as character, personality, and interests. Activities that reflect leadership or intellectual interests are impressive only if they reinforce sound academic achievement. Since Mary Washington operates under a successful honor system, assurance of personal integrity is indispensable.

**Committee Review.** The Committee on Admissions approves applicants only if they seem prepared to succeed in a competitive, liberal arts curriculum. The Committee considers academic achievement, class rank, secondary school recommendations, aptitude, and achievement test results, as well as a pattern of courses demonstrating interest and competence in the liberal arts and sciences.

The Committee feels that the senior year is extremely important, and that such basic academic subjects as English, mathematics, laboratory sciences, and foreign language should be continued through the final term.

**Application Fees and Deposits.** All students send a $10 non-refundable application fee with the initial application.

Students accepted by the College send an answer and a deposit — dormitory students submit a $100 room deposit, and commuting students submit a $50 fee deposit. Students applying by March 1, who are notified by April 1, are required to answer and to send the deposit by May 1. If the application is late, and the letter of acceptance is received after May 1, the deposit is due within two weeks. The deposit is applied to the first semester charges. Unless the student has asked for Early Decision, the deposit is refundable upon request until May 1. If the student is accepted for the spring semester, the deposit is refundable upon request until December 15.

**Deferred Enrollment.** Upon request, an accepted student may have one year to exercise the option of enrolling. Delayed enrollment is subject to admission requirements in force at the time the initial decision is made. If students enroll at another institution before enrolling at Mary Washington, they must apply again as transfer students.

Students will be subject to rules, regulations, and financial charges in effect when they actually enroll.

**Early Decision Plan.** The student who has selected Mary Washington College as a first choice may wish to apply for admission under the Early Decision Plan. Under this plan the student agrees to accept an offer of admission, if it is extended by the Committee on Admissions. The College in return agrees to announce its decision by December 1.

Interested candidates should request an Early Decision form along with regular application materials, early in the fall semester of the senior year. The candidate may apply to other colleges but must agree to withdraw those applications if notified of acceptance by Mary Washington.

The application form, the Early Decision form, the transcript, and results of the Scholastic Aptitude Test should be submitted to the College before November 1. The Committee on Admissions will review the materials and notify the applicant by December 1. Achievement tests may be completed during the senior year.

Should the Committee not act favorably on an early decision request, the applicant's file will remain active, and the Committee will reconsider it after the candidate submits additional grades and/or scores at the end of the fall semester.

## Admission before High School Graduation

Selected students with exceptional ability can enroll at Mary Washington College before they have graduated from high school under one of three plans.

**Admission to the Summer Session.** A high school senior whose level of intellectual and personal maturity and academic promise is of the highest caliber is eligible to apply to the summer session. A principal or guidance counselor must recommend the student.

After consulting the principal or guidance counselor, the student submits a summer session application. If accepted, the student takes the same courses and course load as any freshman student. Credit and grades earned are added to the student's permanent record at Mary Washington.

Admission to the summer session, for any student, does not constitute admission to the regular session. A student who wishes to earn a Mary Washington degree applies, using the regular procedure, during the first semester of the senior year.

**Admission to Part-Time Study during the Regular Session.** Qualified seniors in an area high school who wish to supplement their academic loads in the senior year may apply for admission as part-time students.

The candidate submits the special student application, a high school transcript, and a letter of recommendation for this program from the principal or director of guidance.

**Admission after the Junior Year.** This program, in which the student enters as a full-time freshman after the junior year in high school, is designed for a small number of exceptionally qualified students who have completed almost all of the 16 credits required for admission.

To be considered, a candidate must have all required credits in mathematics, science, and foreign language. Most commonly, the student has at the end of the junior year only one unit in English and one in social science to complete.

The admission procedure is the same as for a regular candidate, except that the student usually applies in the spring. The student presents Scholastic Aptitude Test results with the applications, and must submit Achievement Test results before enrolling.

Such a student needs all the materials required of a regular candidate; in addition, the high school counselor will be asked to speak directly to the question of the student's maturity. The Admissions Committee examines the application using the same criteria as for a senior, with the addition of the statement of maturity.

The College advises the student to complete the last high school units in summer school, if possible.

A Virginia student can arrange with the secondary school principal to be graduated from high school at the end of the freshman year at Mary Washington by using College courses to fulfill a maximum of two high school credits.

## Transfers from Other Colleges

The Admissions Committee makes its decision on transfer students on the basis of the application, a high school transcript, transcripts of all college work, and the Scholastic Aptitude Test.

Candidates may be considered for transfer admission if they are entitled to honorable dismissal without academic or social probation in the last institution attended.

**Residence Requirement for Transfer Credit.** To be eligible for a Mary Washington degree, a student must be enrolled on campus the last semester and earn 30 semester hours of credits from the College. Also, at least three-fourths of the major program must be earned at the College. Full information on transfer credit is given under "Academic Regulations and Policies." A preliminary evaluation of transfer credit may be made by the Dean of Admissions and Financial Aid, but all final decisions are made by the Office of the Dean. Transfer credit is made a part of the permanent record when the student has completed one semester's work at Mary Washington College.

**Procedure.** The Dean of Admissions and Financial Aid will send a prospective transfer student an application and a secondary school transcript form. The student must complete and return the application and arrange for the high school transcript form to be completed and sent by appropriate secondary school official. He must also arrange for transcripts to be sent from all colleges he has attended.

A transfer applicant is urged to submit all materials early in the first semester of the year prior to transfer. The Committee on Admissions will make a preliminary evaluation of this information and a final decision upon receipt of the first semester or quarter grades.

**Examination.** A candidate must submit the results of the Scholastic Aptitude Test, normally included on the high school transcript. A candidate who cannot meet these testing requirements should consult with the Dean of Admissions and Financial Aid for advice about appropriate substitutions.

**Committee Review.** The Committee considers many factors in judging whether the transfer candidate can succeed at Mary Washington College, but puts particular emphasis on the program and academic achievement in the last college attended.

**Fees and Deposits.** These are the same as for students entering directly from high school.

**Servicemen's Opportunities Program.** Mary Washington College is a member of the Servicemen's Opportunity College (SOC) network, a group of more than 300 colleges and universities committed to making post-secondary education more readily available to mobile military personnel through cooperation on admission, transfer of credits, and residency requirements. The SOC program makes it easier for service personnel to transfer college credits between MWC and other participating institutions, and to earn their degrees at the College. (Mary Washington's degree requirements specify that the student must complete 122 credit hours of college work, yet only 30 of those hours must be taken as "resident credit" — in courses taught by MWC faculty members, mostly in the student's major field.) More specific information about the SOC program may be obtained from the Office of the Dean.

## Senior Citizens

Under the provisions of the Senior Citizens Higher Education Act of 1974, legal residents of Virginia 60 years of age and older may take or audit courses at State-supported colleges at reduced rates, provided space is available.

Senior citizens should request information about application procedures from the Dean of Admissions and Financial Aid.

## Continuing at the College

Regularly enrolled Mary Washington students are asked to indicate each year their intention to return for the fall session. A form is mailed early in the second semester and must be returned by a specified deadline with a $10 processing fee and a $100 room deposit for dormitory students, or a $50 fee deposit for commuting students. The form and room deposit must be returned by the deadline if residential space is to be guaranteed.

Students whose completed forms and deposits are received after the deadline may be placed on a waiting list for residential accommodations.

The $10 processing fee is non-refundable; the $100 deposit or $50 fee deposit is applied to the student's account for the following session. It is not normally refundable after a specified deadline unless the student is ineligible to continue, or unless the Comptroller and Dean of Admissions and Financial Aid agree that unusual circumstances justify a refund.

Although the College makes every effort to furnish forms for returning students directly to enrolled students, it is the responsibility of the individual student to file the form. These forms and instructions are available from the Dean of Admissions and Financial Aid.

## Returning After Leave of Absence

A student who wishes to return after a leave of absence should write the Dean of Admissions and Financial Aid and ask for the appropriate form. The form is returned with a $10 processing fee and the room or fee deposit, under the same conditions as regularly enrolled students who wish to continue at the College.

Unless there is an exceptional circumstance, students who take leaves of absence from the College can expect to be re-enrolled without difficulty. They should apply as soon as possible, especially if they wish residential accommodations.

**Returning After Withdrawal.** A student who withdraws from the College during the semester or at the end of a semester is not automatically re-enrolled, but must submit a form to the Dean of Admissions and Financial Aid indicating a desire to return to Mary Washington. Work taken at another institution as well as that at Mary Washington, will be taken into consideration by the Committee on Admissions.

**Returning After Suspension.** A student suspended from the College for other than academic deficiency, should contact the Dean of Admissions and Financial Aid for appropriate forms.

Students suspended for academic deficiencies will not be considered eligible to return until they have been away from the College for at least two semesters (the full summer session counting as a semester). Upon receipt of the appropriate form, the Dean of Admissions and Financial Aid will consult with the Dean of the College. In addition, the student must meet with the Dean of the College to draw up a schedule of return to good academic standing.

## Medical Examination

All entering students who intend to reside on campus must present a certificate from a physician stating that they have had a recent physical examination. A form for the doctor's use is enclosed with the offer of admission and must be completed after April 1 and returned not later than July 15.

Virginia
for

# Fees and Assistance

# Semester Fees and Expenses

The fee schedule below is for the regular session, 1978-79, and is subject to revision for the 1979-80 session. The summer session fee schedule is announced in the summer session bulletin.

Questions about fees and payment procedures should be directed to the Comptroller, Room 111, George Washington Hall.

Questions about financial assistance and general college expenses should be forwarded to the Dean of Admissions and Financial Aid, Room 303, George Washington Hall.

**Full-time Residential Students.** Any student carrying 12 semester credit hours or more is a full-time student.

| **1978-79 Fees** | Year Total | Per Semester |
|---|---|---|
| **Virginia Students** | | |
| Tuition | $ 788.00 | $ 394.00 |
| Comprehensive Fee | 82.00 | 41.00 |
| Residential Fee | 870.00 | 435.00 |
| Board | 770.00 | 385.00 |
| Total Virginia Students | $2,510.00 | $1,255.00 |
| | Year Total | Per Semester |
| **Non-Virginia Students** | | |
| Tuition | $1,633.00 | $ 816.50 |
| Comprehensive Fee | 82.00 | 41.00 |
| Residential Fee | 870.00 | 435.00 |
| Board | 770.00 | 385.00 |
| Total Non-Virginia Students | $3,355.00 | $1,677.50 |

The residential fee includes infirmary services; however, any prescribed medication is charged to the student's account.

The board charge includes three meals a day, seven days a week, throughout the academic session. All residential students must participate in the board plan; no partial plans are available.

**Full-time Non Residential Students.**

| **1978-79 Fees** | Year Total | Per Semester |
|---|---|---|
| **Virginia Students** | | |
| Tuition | $ 788.00 | $ 394.00 |
| Comprehensive Fee | 82.00 | 41.00 |
| Total Virginia Students | $ 870.00 | $ 435.00 |
| | Year Total | Per Semester |
| **Non-Virginia Students** | | |
| Tuition | $1,633.00 | $ 816.50 |
| Comprehensive Fee | 82.00 | 41.00 |
| Total Non-Virginia Students | $1,715.00 | $ 857.50 |

**Part-time Students.** Part-time students register for fewer than 12 semester credit hours. Virginia students are charged $28 per credit hour and non-Virginia students, $56 per credit hour.

Students participating in the off-campus teacher training program who are part-time are charged on the basis of the number of credits for which the student is enrolled at Mary Washington. A non-refundable fee of $100 is charged at the time a student-teaching application is submitted and will be credited to the account if the student enrolls in the course.

Part-time students are not ordinarily eligible for infirmary or dining hall services, or admission to those events covered by the Comprehensive Fee. A part-time student may participate in one or all of these services by paying the appropriate fee at registration. Use of these services will depend on their availability at the time of the request.

**Application Fee.** An application fee of $10 must accompany every application for admission from a new or a continuing student. This fee is applied to the cost of processing the application for admission or the form for continuance. It is entirely separate from other fees, is not refundable, and cannot be deducted from other charges.

**Contingent Fee.** A full-time student must pay a $25 contingent fee in addition to the fees outlined above. It is included each year in the bill for the first semester the student is on campus, and is due with the first payment.

Each student is held responsible for the care and preservation of College property and, as far as possible, all damage to buildings and equipment will be repaired at the expense of the student causing such damage. The contingent fee is also used to cover any existing balance in the student's account at the end of the year. Any unused portion of the contingent fee is returned at the end of the year.

**Audit Fee.** Part-time students may audit a course for no credit on a space available basis for a fee of $20 per course.

**Credit by Examination.** Degree seeking students may take special or individually prepared examinations for which credit is awarded for a fee of $45.

**Bachelor of Liberal Studies Life/Work Portfolio.** BLS candidates will pay a fee for the review of their life/work portfolio.

**Riding Fee.** Classes in horsemanship are available, and require payment of a special instructional fee.

**Late Registration Fee.** Any student whose registration is not completed by the announced deadline will be charged a $25 late registration fee.

**Returned Check Fee.** There is a service charge of $7.50 for each check returned for insufficient funds or similar reasons. A cashier's check is then required in place of the returned check.

**Senior Citizens.** A legal resident of Virginia 60 years of age or older may take courses at Mary Washington at reduced rates provided space is available. A resident having a taxable income not exceeding $5,000 for federal income tax purposes for the preceding year may enroll in courses for credit or non-credit or may audit credit courses (attend classes without receiving grades) at no charge. A Virginia senior citizen with federal taxable income levels exceeding $5,000 may audit credit courses or enroll in non-credit courses without paying general college fees, but must pay general college fees in order to take courses for college credit. The application fee of $10 will be charged an applicant whose taxable income exceeds $5,000. A senior citizen may enroll in a maximum of three credit or non-credit courses per semester with no limit to the number of semesters.

For complete information contact the Dean of Admissions and Financial Aid, Box 1098, College Station, Fredericksburg, Virginia 22401. Telephone (703) 373-7250, Ext. 281.

# Terms of Payment

All fees, including room and board, are billed and payable in advance by the semester.

**Room and Tuition Deposits.** After notification of acceptance for admission or continuance by the Dean of Admissions and Financial Aid, a deposit of $100 is required of a residential student, and a $50 deposit is required of a nonresidential student. No student will be assigned a residence hall room until this payment has been received. These deposits are not normally refundable after a specified deadline and are applied to the fees for the regular session immediately following.

Exceptions to the policy will be made only in the most unusual circumstances, as determined by the Comptroller and the Dean of Admissions and Financial Aid.

**Statements and Due Dates.** Each student is mailed a statement well in advance of the beginning of each semester and payment is due by the date specified on the statement. Any variations from the terms of payment listed below must be approved in writing by the Comptroller prior to the due dates.

If a full-time student has not received a statement of charges and fees by three weeks prior to the beginning of the semester, the student should notify the Office of the Comptroller as soon as possible, so that a statement can be prepared, mailed, and the account paid by the due date.

A late payment fee of $25 will be charged to any student whose full payment has not been received in the Office of the Comptroller by the due date.

At the end of the semester a student's account will include any charges incurred for library fines, lost books, parking tickets, drug costs, lost keys, building and equipment damage, and any other miscellaneous charges not covered by the contingent fee. At this time, any student whose full account has not been settled will not be permitted to take exams, receive grades or transcripts, or be eligible to return to the College until the account is settled.

**Scholarship and Loan Awards.** If a student is receiving financial aid through Mary Washington College, one half the annual award will be shown on each semester statement. If an award has not been credited on the statement, notify the Office of the Comptroller immediately so that a revised bill may be prepared.

If a student is receiving financial aid from a source other than the College, it is the student's responsibility to insure that notification of the award, its amount, and method of payment have been received in the Office of the Comptroller by the statement due date. Failure to provide such notification could result in a student's account being delinquent.

**Delinquent Accounts.** Any charge incurred in collecting a delinquent account will be added to the account. This applies, but is not limited to, charges by an attorney or collection agency.

**Refund of Fees.** A student who withdraws from the College during the semester should notify the Office of the Dean immediately upon withdrawal and complete the withdrawal form. A copy of the form will be sent to the Office of the Comptroller and will serve as the basis for withdrawal charges and credits.

All students, full- or part-time, residential or nonresidential, must withdraw through the Office of the Dean. Adjustment of charges and credits may be made only by the Office of the Comptroller.

The following charges are applicable for students withdrawing during the semester:

**Withdrawal Charges**

| Semester Basis | 1st/15th day of semester | 16th/55th day of semester | After 55th day of semester |
|---|---|---|---|
| Tuition | 20% of semester charge | 50% of semester charge | Full semester charge |
| Residential Fee* | $100 | 50% of semester charge | Full semester charge |
| Comprehensive Fee | 20% of semester charge | 50% of semester charge | Full semester charge |
| Board Fee | | See Below | |

**Board Fee.** Charges will be assessed on the basis of the number of days in residence at the prevailing board rate for the semester in which the student withdraws.

*For the purpose of determining withdrawal charges, the semester begins with the first day of classes. A residential student withdrawing prior to the first day of classes will be charged the $100 room deposit and board at the prevailing daily rate.

## Classification as a Virginia Student

The following explanation of who is eligible to receive reduced tuition charges is a direct quote from the Code of Virginia, Section 23-7 as amended. It became effective July 1, 1977.

For the purposes of this section, the domicile of an unemancipated minor may be the domicile of either parent; provided however, that if one parent has custody, the domicile of an unemancipated minor shall be the domicile of the parent having custody. If there is no surviving parent or the whereabouts of the parents are unknown, then the domicile of an unemancipated minor shall be the domicile of the legal guardian of such unemancipated minor if there are no circumstances indicating that such guardianship was created primarily for the purpose of conferring a Virginia domicile on such unemancipated minor.

Except as provided in Section 23-7.2, no person in attendance at a State institution of higher education shall be entitled to reduced tuition charges unless such person is and has been domiciled in Virginia for a period of at least one year immediately prior to the commencement of the term, semester or quarter for which any such reduced tuition charge is sought.

A person who enrolls in any such institution while not domiciled in Virginia does not become entitled to reduced tuition charges by mere presence of residence in Virginia. In order to become so entitled, any such person must establish that, one year before the date of alleged entitlement, he or she was at least eighteen years of age, or if under the age of eighteen, was an emancipated minor, and he had abandoned his or her old domicile and was present in Virginia with the unqualified intention of remaining in Virginia for the period immediately after leaving such institution and indefinitely thereafter.

A person who is classified or classifiable at the date of his or her marriage as eligible to receive the privileges herein described, may receive or continue to receive such privileges until he or she abandons his or her Virginia domicile other than through any presumption of law attaching to the ceremony of marriage.

A student who is not a member of the armed forces and who is not otherwise eligible for reduced tuition charges and whose spouse or parent is a member of the armed forces stationed in this State pursuant to military orders shall be entitled to reduced tuition charges if such spouse or either parent, for a period of at least one year immediately prior to and at the time of the commencement of the term, semester, or quarter for which reduced tuition charges are sought, has resided in Virginia, been employed full-time and paid personal income taxes to Virginia. Such student shall be eligible for reduced tuition through such parent under this section only if he or she is claimed as a dependent for Virginia and federal income tax purposes. Such student shall be entitled to reduced tuition charges so long as such parent or spouse continues to reside in Virginia, to be employed full-time and to pay personal income taxes to Virginia.

Entitlement to reduced tuition charges must be established by convincing evidence and the burden of establishing entitlement shall be on the person claiming such entitlement.

The State Council of Higher Education for Virginia shall, in conjunction with the Office of the Attorney General, seek to ensure that all State institutions of higher education will apply uniform criteria in determining eligibility for reduced tuition charges.

# Financial Aid

Mary Washington College provides grants, loans, work assignments or combinations of these to students who demonstrate a need for financial assistance in meeting college expenses. More than 300 students share nearly $1,000,000 in financial assistance each year at Mary Washington.

Recipients of assistance are selected on the basis of financial need and academic merit, except for recipients of the Regional Scholarship, which is based solely on merit. Financial assistance is provided without regard to race, color, religion, physical disability, national origin, political affiliation, marital status, sex, or age. In order to be eligible for federal and state assistance, students must be making satisfactory academic progress in college. This means that the student must remain eligible to enroll as a student with at least half-time status. Part-time students, registered for fewer than six hours per semester, are not eligible for consideration. Where the financial needs of the applicants exceed available College resources, those applicants who demonstrate the greatest need will be given priority.

Awards, ranging from $100 to amounts covering fees, books, and tuition are made for an academic session. The College reserves the right to adjust the aid offer if a student's financial situation is changed by an award or job received subsequently from outside sources, or by a material improvement in the finances of the applicant or applicant's family. Financial aid from Mary Washington College is not available to students who are studying abroad. A returning student must re-apply for financial assistance every year, and the amount of aid may vary depending upon the parents' financial circumstances, the amount of resources available to the College, and the student's academic record.

All assistance awarded is based on demonstrated financial need as determined by the College Scholarship Service (CSS) of which the College is a member. A dependent or independent student seeking such assistance must file with the CSS a completed copy of the Financial Aid Form (FAF).

The FAF may be obtained from a secondary school or from the CSS, Box 176, Princeton, New Jersey 08540.

For incoming freshmen and transfer students, March 1 is the deadline for the College's receipt of the FAF. Therefore, an applicant should file this form with the CSS by February 1. Once the College has received the FAF, it will send the student an Application for Financial Assistance which must be returned within two weeks. Award notifications are sent in mid-April.

A currently enrolled student must file both the College's Application for Assistance and the FAF by April 15. These forms are available in the Office of Admissions and Financial Aid.

A candidate for early decision, whose completed application is received prior to November 1, will be notified of his award by December 1. For the College to receive the FAF by November 1, the applicant should file this form with the College Scholarship Service not later than October 1.

Applicants seeking Basic Educational Opportunity Grant assistance should indicate this on the FAF. There is no charge for processing this application. A Virginia applicant is required to apply for the College Scholarship Assistance Program by requesting that an analysis of his FAF be sent to the Virginia State Council of Higher Education, code 0068, prior to March 31.

Ownership or control of a motor vehicle by a student receiving financial aid is considered to be an indication of increased overall financial strength. Therefore, the Blue Book value of the vehicle and the operating costs are ordinarily added to the student's capital assets, and his financial aid is usually reduced somewhat. A student receiving financial aid who plans to have a motor vehicle on campus must receive prior approval from the Office of Admissions and Financial Aid. Permission is granted generally only for reasons of health or academic necessity.

Students receiving financial assistance are expected to help themselves through part-time and summer employment and by borrowing against future earnings. Students receiving aid in 1978-79 are expected to contribute to college costs from 1978 summer earnings as follows: Freshmen — $500; sophomores — $600; juniors and seniors — $700. Summer employment contributions are subject to revision annually.

# College Scholarships and Grants

All scholarship and grant recipients must maintain at least good standing or better, as stipulated by the scholarship, and make normal progress toward a degree.

**Regional Scholarship Program.** Each spring, alumni committees select 25 outstanding and promising entering freshmen students as Regional Scholars, 20 of whom will come from Virginia's 10 Congressional Districts and five from among out-of-state nominees. These scholars receive four-year $1,000 honor scholarships in recognition of superior academic preparation and potential for achievement. To retain this scholarship, a student must maintain a grade point average of 2.5 during the freshman year and 3.0 in subsequent years to be eligible for consideration. Students must be nominated by their high school principals or guidance counselors before they may apply for their scholarships. Deadline for nomination is December 15. An applicant for the scholarship must also be an applicant for admission. For further information, please write the Regional Scholarship Program, Office of Admissions and Financial Aid.

**Lalla Gresham Ball Scholarships.** These scholarships were established by Mrs. Jessie Ball duPont in memory of her mother. An applicant must reside in one of the following counties of Virginia: King George, Westmoreland, Northumberland, Richmond, Lancaster, Essex, or King and Queen. These scholarships may be renewed annually provided the recipient maintains good academic standing (a C or 2.0 overall average) and demonstrates financial need.

**Mary Washington College Anonymous Scholarships.** These scholarships are awarded annually to students in need of financial assistance, and who maintains an overall C average.

**State Scholarships.** These scholarships are awarded by the College on the basis of demonstrated financial need to regular full-time students who are legal residents of Virginia.

**Davison-Foreman Foundation Grants.** Through a generous gift from the Davison-Foreman Foundation, the College is able to award a number of grants based upon need and academic potential, with preference given to out-of-state students. Students majoring in dance are not eligible for consideration.

**Chi Beta Phi Scholarships.** This national honorary scientific fraternity awards annual scholarships to outstanding students majoring in science or mathematics. Preference is given to members of Chi Beta Phi.

**Carol E. Casto Memorial Scholarship Fund.** Established by Mr. and Mrs. Harold J. Casto, in memory of their daughter, this gift of at least half of the cost of the general college and comprehensive fees is awarded annually to a resident of Virginia. Although preference is given to applicants from Arlington County, students from other counties in Virginia may apply.

**The Chandler Scholarship.** Algernon B. Chandler, President of Mary Washington from 1919 to 1928, bequeathed a sum to the College. The proceeds are used toward the education of a junior or senior selected on the basis of scholarship and need.

**Ann Elizabeth Fitschen Memorial Political Science Award.** Established by gifts from family, friends, and classmates of Ann Elizabeth Fitschen '75, a cash award is made annually to the senior majoring in Political Science with the best academic average, as determined by the faculty of the Department of Economics and Political Science. An additional sum is presented annually to the Department, on behalf of the recipient, to be spent at the discretion of the Chairman.

**The Michael Houston Memorial Fund.** Established in 1973 in memory of Michael Houston, the first Vice President of the College and Associate Professor of History, scholarships are awarded to students whose parents are among the classified personnel of the College.

**The Thomas Howard and Elizabeth Merchant Tardy Endowment Fund.** This fund was established in 1962 by Mrs. Ida Elizabeth Tardy. Income from the endowment is used primarily to aid students descended from James R. Tardy and his wife, Mary M. Tardy, and from William H. Merchant and his wife, Belle Ashby Merchant.

**Jeannine Mary Pfeifle Scholarship.** In memory of Jeannine Mary Pfeifle, class of 1979, this $500 scholarship is awarded each year by a College selection committee to a rising senior who is a U.S. citizen. Specifically and in descending order of priority, the recipient shall be a daughter of a U.S. Marine serviceman, daughter of a U.S. Navy serviceman, the son of a U.S. Marine serviceman or the son of a U.S. Navy serviceman.

**Carrol H. Quenzel Memorial Scholarship Fund.** Established in memory of Dr. Carrol H Quenzel, former Mary Washington Librarian and Professor of History, these annual scholarships are awarded to deserving junior and senior students. Preference is given first to those who worked in the previous semester or who are working in the current semester in the Library, and next, to students majoring in history.

**Lynn Ruby Memorial Scholarship.** Established in memory of Lynn Ruby '68, this award is available first to graduates of Woodbridge Senior High School, Woodbridge, Virginia, and then to residents of the State of Ohio.

**Minnie Rob Phaup Memorial Scholarship.** Established in memory of Minnie Rob Phaup, former member of the Mary Washington College faculty, this scholarship may be awarded to an outstanding junior or senior in psychology or for graduate study in psychology.

**Maurine Arnott Scholarship.** This scholarship was established by a bequest from Maurine Arnott to aid worthy and needy students, with preference given to female students.

**Ann Elizabeth Collins Memorial Art Award.** Established in memory of Ann Elizabeth Collins '73, by friends, relatives, and faculty, this award is given annually to the student who has the greatest potential for pen and ink drawings and graphics. The recipient is selected by members of the Department of Art, and the award is presented at the Student Art Show or another appropriate recognition event.

**Martin Luther King Memorial Scholarship.** Established by members of the College community following the assassination of Dr. King, this scholarship is awarded to a financially needy student selected by the Office of Admissions and Financial Aid.

**Albert R. Klein Memorial Scholarship.** This scholarship was established in memory of Dr. Albert R. Klein, former Chairman of the Department of Dramatic Arts and Speech. Preference is given to students pursuing a major or concentration in drama or speech.

# Federal and State Grants

**Basic Educational Opportunity Grant.** The Basic Educational Opportunity Grant Program was designed by the Federal government to provide financial assistance for those who without such assistance could not attend college. Basic grants are intended to be the floor of a financial aid package and may be combined with other forms of aid to meet the cost of education. The amount of a Basic Grant is determined by student and family financial resources.

Unlike a loan, a Basic Grant (BEOG) does not have to be repaid. Awards range between $200 and $1,600. Applications are available in the secondary schools and in the College's Office of Admissions and Financial Aid, or application may be made by submitting an FAF to the CSS.

**Supplementary Educational Opportunity Grants.** Established by the Higher Education Act of 1965 and subsequent amendments, these grants of $200 to $1,500 are awarded to students having exceptional financial need who otherwise would not be able to attend the College. These awards must be equally matched by other College aid. Recipients must maintain satisfactory academic progress.

**The Virginia College Scholarship Assistance Program Grant.** The Virginia College Scholarship Assistance Program provides need-based grants to Virginia students enrolled in Virginia public and private institutions of higher learning. The program's purpose is to serve as one means of guaranteeing that financial conditions will not prevent the Commonwealth's college-age students from gaining access to higher education. Applications usually must be filed no later than March 31 with the State Council of Higher Education for Virginia, and this agency must also be designated a recipient of the Virginia Financial Aid Form (VFAF) with a postmark deadline of not later than March 31. Applications are available in secondary schools and in the College's Office of Admissions and Financial Aid.

# Loans

**MWC Student Aid Discretionary Loan Fund.** Established in 1971 by the Cap and Gown Chapter of Mortar Board, this fund assists currently enrolled students in need of a cash sum. Contact the Office of the Dean of Admissions and Financial Aid for further information on these small, interest-free, short-term loans.

**The National Direct Student Loan Program.** Funds for this program are provided jointly by the Federal government and the College. A borrower must carry at least six credit hours per semester, need the amount awarded, be capable of maintaining satisfactory academic progress, and be a citizen or permanent resident of the United States. The amount of each loan is determined by the Assistant Dean of Admissions and Financial Aid upon review of the Financial Aid Form.

No interest on the loan will accrue to the beginning of the repayment period, which begins nine months from the date the borrower ceases to carry at least six credit hours per semester. Interest thereafter is paid at the rate of three percent annually on the unpaid balance.

**The Guaranteed Student Loan Program.** The Guaranteed Student Loan Program allows eligible students to borrow funds to meet college expenses at an interest rate lower than that for most conventional commercial bank loans. The major purpose of the Guaranteed Student Loan Program is to provide loans to students from middle income families who do not qualify for assistance from other sources. Commercial banks, savings and loan associations, credit unions and other similar lending institutions participate in this program. In most cases, the maximum a lending institution will allow a student to borrow is $2,000 per academic year. To be eligible a student must be a United States national, be enrolled in or plan to enroll in six or more credit hours of work and be in good academic standing. Application for these loans is made directly with the lending institution. Families with adjusted gross income of $25,000 or less are eligible to procure the loan interest free while the student is enrolled in college.

**Virginia Education Loan Authority.** Created by the State of Virginia to provide loans to eligible students who are unable to secure Guaranteed Student Loans from private lenders. Loans are generally interest free and are provided only to students and not their parents. Applications are available in the Office of Admissions and Financial Aid.

# Student Employment

The College offers many opportunities for part-time employment. Demonstrated need and the ability to perform the job are primary factors in awarding an assignment. It is not necessary to demonstrate financial need to be eligible for campus employment. Most positions, which include those in the Library, residence halls, laboratories, dining hall, and faculty offices, pay about $750 to $950 for the nine-month session. Inquiries should be directed to the Office of Admissions and Financial Aid, Box 1098, College Station, Fredericksburg, Virginia 22401. The office is located in Room 303, George Washington Hall. Application for student employment should be made by March 31.

**College Work-Study Program.** Employment is available through this program to qualified full-time students and those carrying at least six credit hours per semester, who have demonstrated financial need. Students usually work from 10 to 15 hours per week either in on-campus or off-campus programs. Opportunities are also available for full-time summer employment in public or other non-profit organizations throughout the State. Net earnings from this program, called The Virginia Program, are to be used in meeting college expenses. CWS resources are awarded to students who demonstrate the greatest financial need. Address inquiries to the Office of Admissions and Financial Aid, Box 1098, College Station, Fredericksburg, Virginia 22401. The office is located in Room 303, George Washington Hall.

# Special Forms of Assistance

Special funds, not administered by the Office of Admissions and Financial Aid, are available to assist students with their academic pursuits as follows:

**Richard S. Cross Grants for Undergraduate Research.** Established by the late Richard S. Cross, a member of the College's first Board of Visitors, and supported by the generosity of his family, these grants are available to support student research projects which have been approved for academic credit by the departments and by the appropriate College committee. Further information may be obtained from the Dean of the College.

**The Grellet C. Simpson International Scholarship (for study abroad).** Given by the Alumni Association in honor of the retirement of College President Grellet C. Simpson, this award carries a stipend of a maximum of $2,500 for up to a year's study abroad. Interested students who have completed 36 credit hours at Mary Washington College should submit a proposed program of study and budget to the Dean of the College.

**Annie Fleming Smith Scholarship Fund.** This scholarship was established by Mrs. Elsie Ball Bowley in memory of Mrs. Annie Fleming Smith, whose efforts made possible the preservation of Kenmore, the home of George Washington's sister. The recipient must devote to the Kenmore Association as much time and service as the authorities of Mary Washington prescribe. In awarding this scholarship, primary consideration is given to students from the Virginia Northern Neck, consisting of King George, Westmoreland, Richmond, Lancaster, and Northumberland counties. Inquiries should be addressed to the Dean of the College.

**Lt. General Albert J. Bowley Scholarship Fund.** This scholarship was established by Mrs. Elsie Ball Bowley in memory of her husband, Lt. General Albert J. Bowley, a distinguished officer of the United States Army. The recipient is to devote to the James Monroe Memorial Library as much time and service as the authorities of Mary Washington College prescribe. Consideration is first given to juniors and seniors who are daughters of service personnel, and then to students from foreign countries (preferably Latin Americans), or to upperclassmen whose major interests and work lie in the fields of history or political science. Inquiries should be addressed to the Dean of the College.

# The Campus

## A Walking Tour

The campus buildings, in traditional red-brick and white-columned, neo-classical style, are set on 275 acres thickly planted with dogwood, magnolias, boxwood, holly, and flowering fruit trees. Much of the campus is still wooded.

A map and legend of the campus follow. By using the map and this description, visitors to campus can conduct their own self-guided tours.

Just inside the main gates on College Avenue, the large building to the right is Combs Science Hall, a modern, four-story science classroom and laboratory. It provides lecture rooms, offices, and laboratories for the departments of biology; chemistry; geology; mathematics, computer science and statistics; and physics and astronomy. Forming a half circle with it are two of the newest residence halls — Jefferson and Bushnell. A walk behind Jefferson leads to Framar, built as a private home and now serving as a small residence hall.

To the right, past Bushnell and down the hill toward Sunken Road, are two larger residence halls, Marshall and Russell, and Brent, a small house that serves as the French House.

Moving west on the main College drive, the visitor sees George Washington Hall on the left. This is the administration building, with the offices of the President, the Vice Presidents, the Dean of the College, the Comptroller, the Office of Admissions and Financial Aid, the Dean of Student Services, and other administrative services. It houses the College's largest auditorium, seating 1,600.

To the right on Campus Drive, opposite George Washington Hall, are the twin residence halls, Mason and Randolph, and behind them Marye Hall, a small house used as the Spanish House.

Next on the right is the E. Lee Trinkle Library, the heart of the liberal arts campus. The library is exceptionally strong, with more than 250,000 volumes, all on open stacks. Students find it a favorite place to study. Its own collections are supplemented with an active inter-library loan system for faculty research.

Directly opposite the library is Westmoreland, a residence hall, and behind it, facing College Avenue, are two small houses. One of these, Hamlet House, serves as a residence hall, and the other, Fairfax House, houses the Alumni Association.

Continuing down Campus Drive, next to Westmoreland, is Ball Circle, the large, grassy area where graduation is held each May. At the left of Ball Circle is the complex commonly known as Tri-Unit, with Ball Hall in the center and two smaller halls, Madison and Custis, at each side. At the back of the circle is Chandler Hall, with classrooms, offices, and laboratories for the psychology, English, and philosophy faculty. It also houses the audio-visual department. To the right of the circle is Virginia Hall, one of the older residence halls; Willard Hall, a freshman residence hall is directly behind Virginia, and directly behind Willard is Hugh Mercer Hall, which houses the infirmary and counseling center.

On the right of Campus Drive next to the library and across from Ball Circle is Lee Hall, the student activities building. The ballroom on the second floor is used for events such as dances, lectures, and faculty meetings. The C Shop, the placement bureau, the bookstore, the commuter students' lounge, the office of campus police, the student activities office, the bank, offices for student organizations and publications, and lounges fill the building.

As Campus Drive curves toward Sunken Road, on the left is Monroe Hall, the oldest and often considered the most handsome academic structure on campus. This building houses six departments: classics, economics and political science, education, geography, history, and religion.

Other College buildings are best approached by returning to College Avenue and walking toward the Route 1 by-pass that bounds the campus on the west. Just past Chandler Hall is Seacobeck, with four dining rooms serving all residential students. Past Seacobeck is the impressive Fine Arts Center, set on a slope, with three separate buildings connected by arcades. The center building, duPont Hall, holds offices, lecture rooms, and language laboratories of the Department of Modern Foreign Languages. It also houses the Department of Speech, the facilities of the Department of Dramatic Arts and Dance, and the 300-seat Klein Memorial Theater. Art exhibits are often held in the exhibit rooms of duPont.

The attached building to the south is Melchers Hall which houses the Department of Art. It has an art slide library, rooms for painting, sculpture, printmaking, and photography; kilns, and offices and workrooms for studio courses. The north building, Pollard Hall, holds the classrooms, studios, practice rooms, and offices of the Department of Music.

The last building on College Avenue is the newest, Goolrick Hall, completed in 1970. This building is largely for physical education and health; although dance and the Department of Sociology and Anthropology also have classrooms here. It has an intercollegiate swimming pool with one and three meter diving boards, large and small gymnasiums, a handball court, dance studios and exercise rooms.

Two blocks off campus stands the lovely and historic Brompton, home of the President of the College. Located on the rise directly above the Stone Wall on Sunken Road, it was erected about 1780. Historians of the National Park Service have written that "no other house on the American continent is more important or better known in connection with military history, and few other homes are better examples of their type." The home was enlarged in 1836 by Colonel John L. Marye and restored, after purchase by the College, in 1946. Its beautiful 175-acre grounds are the site of College events through the year, particularly the May luncheon for graduating seniors.

Directly behind Brompton is "The Battleground," the location of tennis courts, playing fields and a track. Construction of these facilities began in the spring of 1978.

## Campus Visits

The College welcomes requests for individual and group interviews and tours; these should be addressed to Dr. H. Conrad Warlick, Dean of Admissions and Financial Aid, Box 1098, College Station, Fredericksburg, Virginia 22401. Telephone confirmation may be made by calling (703) 373-7250, ext. 281. Participants should report to the Office of Admissions and Financial Aid, Room 303, third floor, Washington Hall (see campus map).

Prospective students and/or their parents may arrange personal interviews in the Admissions Office any weekday, except holidays, between 9 a.m. and 4 p.m. During the regular school session, personal interviews may also be scheduled between 9 and 10:30 a.m. on Saturdays. Interviews last about 30 minutes and should be arranged in advance.

Group information sessions are held at 10:30 a.m. and at 2 p.m. Monday through Friday, except for holidays, throughout the calendar year. When the College is in regular session, another group session is held on Saturday mornings at 10:30 a.m.

At a group session, a representative from the Admissions Office will discuss admissions procedures and policies, costs, financial assistance, academic programs, and other topics of general interest. A question and answer period follows. An appointment is not necessary for participation in a group session, but advanced notification assists the staff in accommodating the group. A student-conducted tour of the campus follows each group information session.

**Student-Conducted Tours.** A student guide shows buildings and activities that are of general interest to prospective students, parents, and others. The duration of a tour varies from 30 to 60 minutes and the format also varies according to the interests and time of the participants.

It is not necessary to participate in an individual interview or a group information session to join a tour; however, advance notice is helpful for planning purposes.

## Campus Map

**1** GEORGE WASHINGTON HALLc *Administration Hall*
George Washington was closely associated with Fredericksburg.

**2** WESTMORELAND HALL *Residence Hall*
Named for the county in Virginia which was the birthplace of a number of prominent Americans, including Robert E. Lee, George Washington and James Monroe.

**3** HAMLET HOUSE *Residence Hall*
Originally the private home of William N. Hamlet, who taught at the College for 30 years.

**4** FAIRFAX HOUSE *Alumni House*
Named in honor of Anne Fairfax, the wife of George Washington's half-brother, Lawrence.
FAIRFAX ANNEX *Student Government*

**5** MADISON HALL *Residence Hall*
Named for Dolly Madison, wife of President James Madison.

**6** MARY BALL HALL *Residence Hall*
Mary Ball Washington, for whom the College is named, was the mother of George Washington.

**7** CUSTIS HALL *Residence Hall*
Named in honor of Mary Custis who became the wife of Robert E. Lee.

**8** CHANDLER HALL *Academic Hall*
Algernon B. Chandler was President of the College from 1919 until his death in 1928.

**9** SEACOBECK HALL *Dining Hall*
Named for an Indian village which once occupied the site.

**10** duPONT HALL *Academic Hall*
Named for a close lineal descendant of Mary Ball Washington, Jessie Ball duPont of Wilmington, Delaware and Ditchely, Virginia.

**11** MELCHERS HALL *Academic Hall*
Gari Melchers was an internationally known artist whose home, Belmont, in nearby Falmouth, is a memorial under the trusteeship of the College.

**12** POLLARD HALL *Academic Hall*
Named for John Garland Pollard, Governor of Virginia, Attorney General, college professor, and patron of the arts.

**13** GOOLRICK HALL *Gymnasium*
A member of the Virginia General Assembly at the turn of the century, C. O'Connor Goolrick sponsored the 1908 legislation which established the College.

**14** ATHLETIC FIELDS

**15** HUGH MERCER *Infirmary, Counseling Center*
Dr. Mercer, who died as a brigadier general in the Revolutionary War, was a physician in Fredericksburg.

**16** MAINTENANCE

**17** WILLARD HALL *Residence Hall*
Frances Willard was an educator, social reformer and advocate of the independence of women.

**18** MONROE HALL *Academic Hall*
President James Monroe lived and practiced law in Fredericksburg.

**19** VIRGINIA HALL *Residence Hall*
Named to honor the Commonwealth of Virginia.

**20** LEE HALL *Student Activities*
Named for Ann Carter Lee, the mother of Robert E. Lee.

**21** TRINKLE LIBRARY
A former Governor of Virginia, E. Lee Trinkle was for many years President of the State Board of Education.

**22** AMPHITHEATER

**23** MARYE HALL *Spanish House*
The Marye family once owned Brompton and Marye's Heights, on which the College is located.

**24** MASON HALL *Residence Hall*
Ann Mason was the mother of George Mason, author of the Bill of Rights.

**25** RANDOLPH HALL *Residence Hall*
Named in honor of Martha Jefferson Randolph, a daughter of Thomas Jefferson.

**26** BRENT HALL *French House*
Margaret Brent was one of the first American women to advocate political, social, and educational equality for women.

**27** RUSSELL HALL *Residence Hall*
Edward Hutson Russell was the first President of the College from 1908-1919.

**28** MARSHALL HALL *Residence Hall*
Mary Willis Ambler Marshall was the wife of Chief Justice John Marshall.

**29** BROMPTON *President's Home*
Named for the ancestral English home of Mr. Marye who constructed the initial part of the residence.

**30** TRENCH HILL *Residence Hall*

**31** FRAMAR HALL *Residence Hall*
Originally built as a home for Frank H. and Marian Lee Reichel.

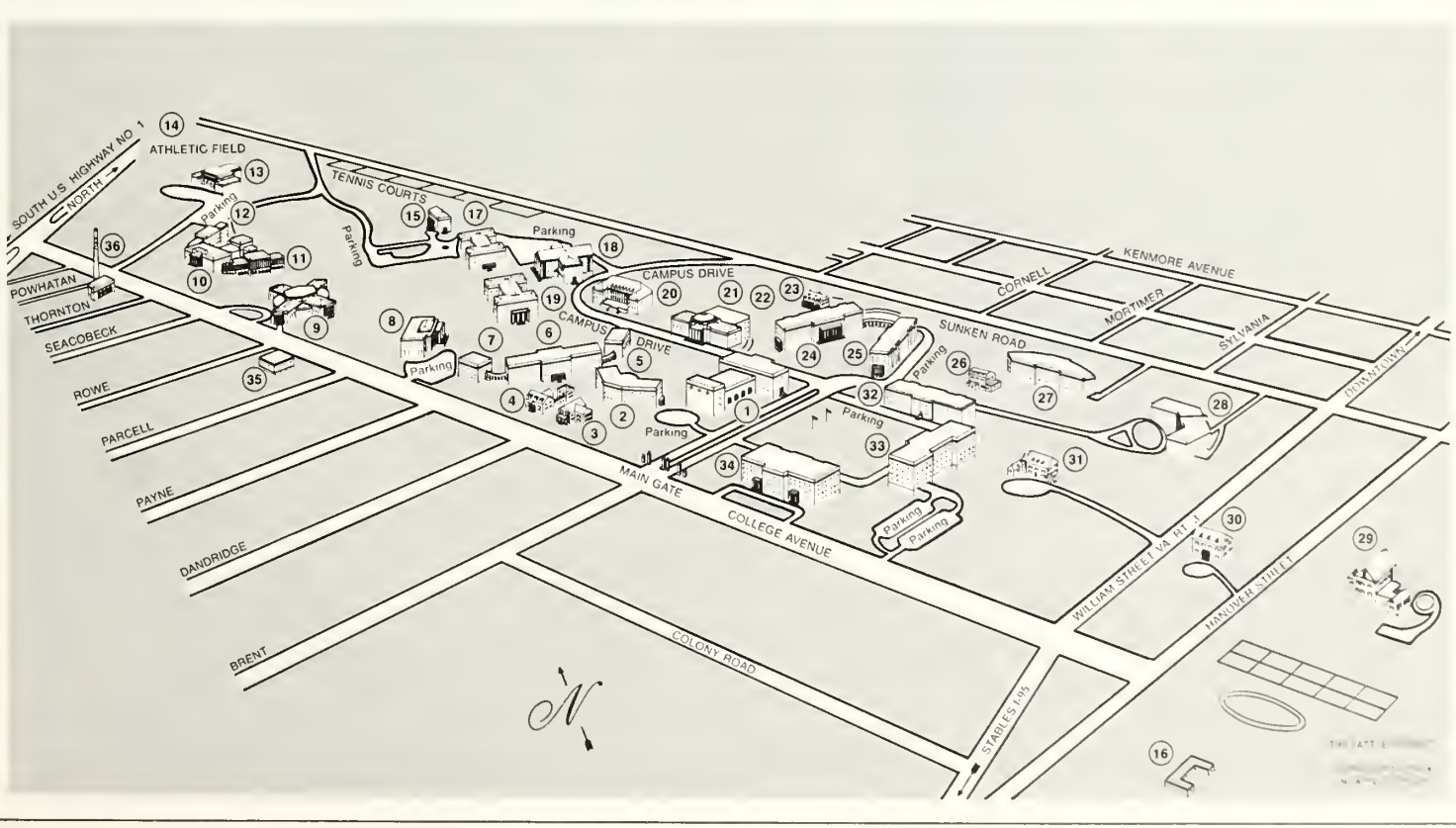
**32** BUSHNELL HALL *Residence Hall*
Named for Nina G. Bushnell, Dean of Women at the College from 1921 to 1950.

**33** JEFFERSON HALL *Residence Hall*
Thomas Jefferson, a strong believer in higher education, drafted the famous Statutes for Religious Freedom while in Fredericksburg in 1777.

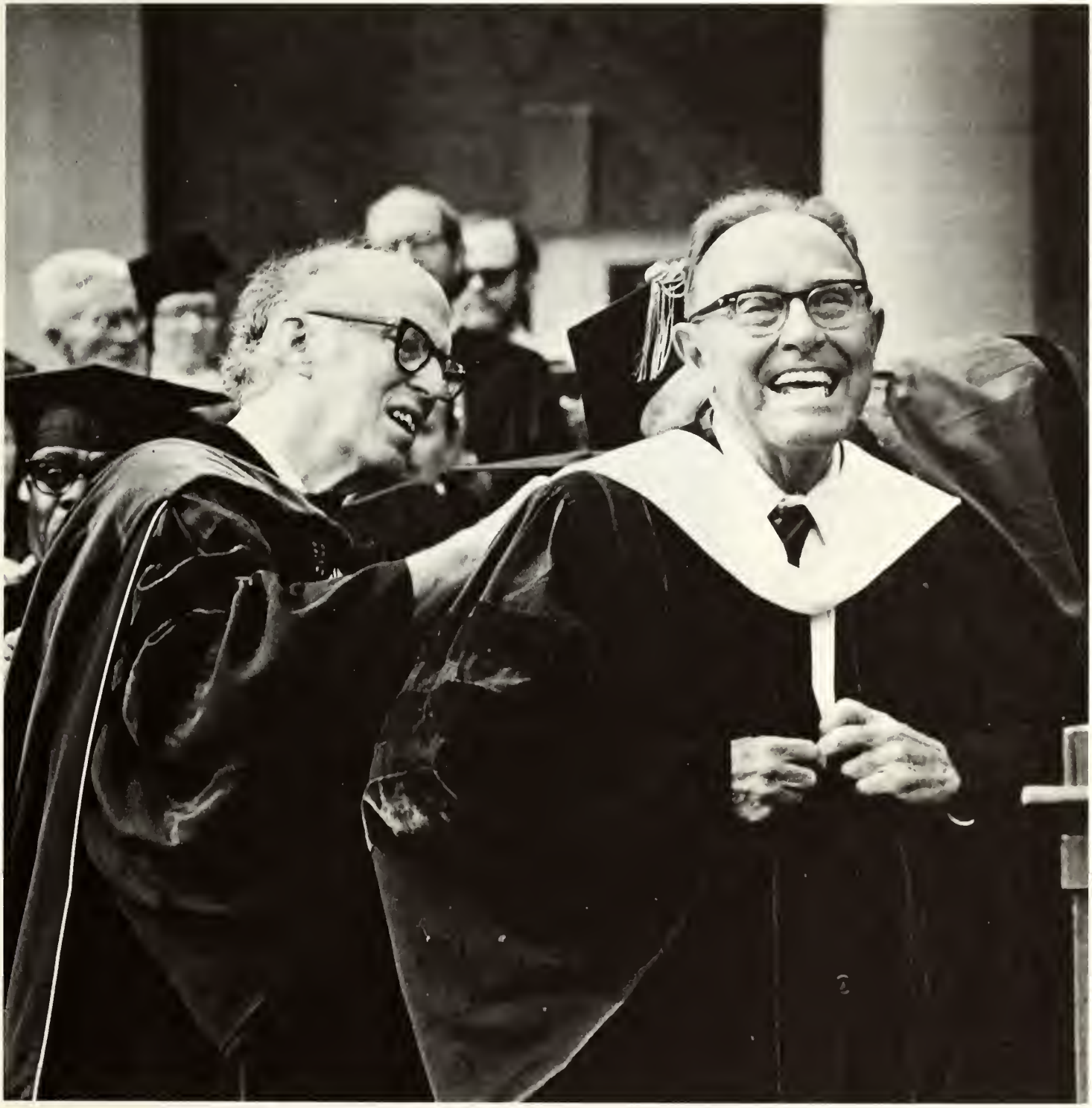
**34** COMBS SCIENCE HALL *Academic Hall*
Named in honor of Morgan L. Combs, President of the College of 1929 to 1955.

**35** GOVERNMENT POST OFFICE

**36** HEATING PLANT



# Directory



# The Corporation

The Rector and Visitors of Mary Washington College

### The Officers of the Visitors

Lewis Meriwether Walker, Jr., *Rector*
Katherine Edmondson Hopper, *Vice Rector*
Donna Henninger Henderson, *Secretary*

### The Visitors of the College

Arabelle Laws Arrington (41), Warrenton
Joseph Earl Blackburn, Potomac, MD.
Irene Lundy Brown (39), Poquoson
John G. Castles, Corbin
Gwendolyn Amory Cumming (52), Hampton
Warner N. Dalhouse, Roanoke
Donna Henninger Henderson (61), Troutville
Katherine Edmondson Hopper (29), Fairfax
Stanley Albert Owens, Manassas
J. Rupert Picott, Richmond
Lewis Meriwether Walker, Jr., Petersburg
Leah Fleet Waller (44), Richmond

# Administration

### Office of the President

Prince B. Woodard, B.A., M.A., Ed.D., L.L.D. *President*

Anne A. Moyse, *Secretary to the President*

### Office of the Vice President

A. Ray Merchent, B.A., M.Ed., Ed.D., *Vice President, Director of Continuing Education,* Bachelor of Liberal Studies Program

Lucretia H. Oesterheld, *Secretary to the Vice President, Director of Continuing Education,* Bachelor of Liberal Studies Program

Edward H. Littlefield, B.S., *Director of Personnel*

Shirley D. Barnes, *Secretary to the Director of Personnel*

Daniel W. Bishop, *Chief of College Police*

Phyllis H. Field, *Secretary to the Chief*

### Office of the Vice President for Development and Management Information Systems

William M. Anderson, Jr., B.S., M.P.A., Ed.D. *Vice President for Development and Management Information Systems*

Dale A. Brown, B.A., M.S., Ph.D. *Director of Institutional Studies*

Connie Y. Boyer, A.B., *Computer Systems Analyst*

Bobby W. Carter, *Computer Programmer*

Betsy J. Chinn, *Secretary to the Vice President for Development and Management Information Systems*

Audrey S. Hurlock, *Recorder, Office of Student Records*

Linda N. Evans, B.A., *Director of Information Services*

Deborah F. Courtney, *Secretary to the Director of Information Services*

### Office of the Dean of the College

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Dawn M. Manley, *Secretary to the Dean*

Cornelia D. Oliver, B.A., A.M., Ph.D., *Assistant Dean of Academic Advising*

Mary C. Banks, B.S., M.A., *Counselor for Academic Advising*

Patsy Y. Hockaday, *Secretary to the Assistant Dean for Advising*

Linda S. Stroud, *Secretary, Dean's Office*

Mary A. K. Kelly, B.A., M.A., *Director of Counseling Center*

Sara E. Bibb, *Secretary to the Director of the Counseling Center*

A. Isabel Gordon, *Director of Career Placement Services*

Ruth W. Brewer, *Secretary to the Director of Career Placement Services*

### Office of the Dean of Admissions and Financial Aid

H. Conrad Warlick, B.A., M.A., Ed.D., *Dean of Admissions and Financial Aid*

Susan H. Talley, *Secretary to the Dean*

G. Forrest Dickinson, Jr., B.A., *Assistant Dean of Admissions and Financial Aid*

Jane H. Marra, B.S., *Secretary to the Assistant Dean*

Melissa A. Dowd, B.A., *Assistant Dean of Admissions and Financial Aid*

Stephen A. Jones, B.A., *Assistant Dean of Admissions and Financial Aid*

Helen H. Thomas, *Student Employment Clerk*

### Office of the Dean of Student Services

Juanita H. Clement, B.S., M.A., *Dean of Student Services*

Claire T. Booker, *Administrative Assistant*

Catherine B. Wegner, B.A., M.S., *Assistant Dean of Student Services*

Betty L. Luttrell, *Administrative Assistant*

Ilma M. Overman, B.S., M.D., *College Physician*

### Office of the Comptroller

Edward V. Allison, Jr., B.S., *Comptroller*

Gloria S. Day, *Secretary to the Comptroller*

Claude T. Parcell, Jr., B.S., *Business Manager*

LaVaughn A. Holloway, *Accountant*

Carolyn S. Taylor, B.S., M.S., *Manager, Bookstore*

Patricia J. McClure, *Secretary to the Manager*

Lester E. McMenamin, Jr., B.S., M.S., *Director Physical Plant*

Juanita S. Newton, *Secretary to the Director*

### Library

Ruby Y. Weinbrecht, B.A., M.A., *Librarian*

Sherry C. Morgan, *Secretary to the Librarian*

Charles D. Balthis, B.A., M.S.L.S., *Head Cataloguer*

Sandra G. Brown, B.A., M.S.L.S., *Periodicals Librarian*

Renna H. Cosner, A.B., A.M. in L.S., *Acquisition Librarian*

Patricia A. Farr, A.B., *Library Assistant — Circulation*

Tina J. Faulconer, *Acquisition Assistant*

Shelia M. McGarr, B.A., M.S.L.S., *Reader Services Circulation*

Patricia C. Miller, B.A., *Library Assistant, Circulation/Government Documents*

Mary J. Porter, B.A., M.A., M.S.L.S., *Reference Librarian*

Judith E. Wahl, B.A., M.S.L.S., *Cataloguer*

### Office of the Alumni Association

Mary B. Carson, B.A., *Director of Alumni Affairs*

Sandra S. Pearson, *Secretary to the Director*

### Health Services

Ilma M. Overman, B.S., M.D., *College Physician*

Raymond Jones, B.S., M.B., *Associate*

Louis B. Massad, B.S., M.D., *Associate*

Virginia H. Cullen, R.N., *Head Nurse*

Adella P. Hiers, B.S., R.N., *Nurse*

Merton D. Nugent, R.N., *Nurse*

Dorothy T. Shannon, R.N., *Nurse*

Jeanne D. Tracy, R.N., *Nurse*

# Emeriti

### President Emeritus

Grellet C. Simpson, B.A., M.A., Ph.D., L.L.D., Litt.D., L.H.D.
*President Emeritus and Professor Emeritus of English*
B.A., Randolph-Macon College; M.A., Ph.D., University of Virginia; Randolph-Macon College; Litt.D., Flagler College; L.H.D., Mary Washington College

### Faculty Emeriti

Edward Alvey, Jr., B.A., M.A., Ph.D.
*Professor Emeritus of Education*
B.A., M.A., Ph.D., University of Virginia.

Margery E. Arnold, B.S., M.A.
*Associate Professor Emeritus of Health, Physical Education and Recreation*
B.S., Russell Sage College; M.A., Columbia University.

Guennodlyn A. Beeler, A.A., B.S., M.A.
*Professor Emeritus of Home Economics*
A.A., Kansas City Junior College; B.S., Kansas State College; M.A., Columbia University.

Rachel J. Benton, B.A., M.A., Ph.D.
*Professor Emeritus of Health, Physical Education and Recreation*
B.A., De Pauw University; M.A., Ph.D., State University of Iowa.

Julien Binford
*Professor Emeritus of Art*
Graduate, Art Institute of Chicago, Ryerson Fellowship for study in France, Virginia Museum Senior Fellowship, Rosenwald Fellowship. Represented in permanent collections of Boston Museum of Fine Arts, University of Georgia, University of Nebraska, Art Institute of Fine Arts, Springfield Museum, New Britain Museum, Oberlin College and others.

Zoe W. Black, B.A., A.M., Ph.D.
*Professor Emeritus of Biology*
B.A., University of Tennessee; A.M., Ph.D., Duke University.

Mildred M. Bolling, A.B., A.M.
*Professor Emeritus of Modern Foreign Languages*
A.B., Colorado College; A.M., University of Missouri, diploma, Institut de Phonetique, University of Paris

Stanley F. Bulley, Mus. Bac., Mus. Doc.
*Professor Emeritus of Music*
L.R.A.M., Royal Academy of Music; Mus. Bac., Mus. Doc., University of Toronto.

Louis J. Cabrera, A.B., M.A., Ph.D.
*Professor Emeritus of Modern Foreign Languages*
A.B., University of Dubuque; M.A., University of Maine, Doctor of Letters and Philosophy, University of Madrid.

William A. Castle, B.S., Ph.D.
*Professor Emeritus of Biology*
B.S., Denison University; Ph.D., University of Chicago.

Marion K. Chauncey, B.M., M.A.
*Associate Professor Emeritus of Music*
Graduate, Georgia State Woman's College; B.M., Ithaca Conservatory of Music; M.A., Columbia University.

Eileen K. Dodd, Ph.B., M.A., Ph.D.
*Professor Emeritus of Psychology*
Ph.B., Muhlenberg College; M.A., Ph.D., New York University.

Jean Slater Edson, A.B., M.A.
*Professor Emeritus of Music*
A.B., Vassar College; M.A., Columbia University.

E. Boyd Graves, A.B., A.M., Ed.D.
*Professor Emeritus of Philosophy*
A.B., A.M., College of William and Mary; Ed.D., George Washington University.

Marion A. Greene, A.B., M.A., Ph.D.
*Professor Emeritus of Modern Foreign Languages*
A.B., Tufts College; M.A., Radcliffe College; Ph.D., University of North Carolina.

William W. Griffith, A.B., B.S. in L.S., M.A., Ph.D.
*Professor Emeritus of English*
A.B., University of Pennsylvania; B.S., in L.S., Drexel Institute; M.A., Harvard University; Ph.D., University of Pittsburgh.

Margaret Hargrove, A.B., A.M., Ph.D., L.H.D.
*Professor Emeritus of Classics*
A.B., Randolph-Macon Woman's College; A.M., Ph.D., Cornell University; L.H.D., Lake Erie College.

Henry W. Hewetson, B.A., M.A., Ph.D.
*Professor Emeritus of Economics*
B.A., University of Toronto; M.A., University of British Columbia; Ph.D., University of Chicago.

Catherine H. Hook, B.S., M.E.D.
*Associate Professor Emeritus of Education*
B.S., Madison College; M.E.D., University of Virginia.

Levin Houston, III, B.A.
*Associate Professor Emeritus of Music*
B.A., Virginia Military Institute.

Anna S. Hoye, A.B., M.S., Ph.D.
*Professor Emeritus of Biology*
A.B., Lynchburg College; M.S., Ph.D. University of Wisconsin.

Earl G. Insley, B.S., Ph.D.
*Professor Emeritus of Chemistry*
B.S., Ph.D., Johns Hopkins University.

Edwin H. Jones, B.A., M.A., Ph.D.
*Professor Emeritus of Modern Foreign Languages*
B.A., Hampden-Sydney College; M.A., Duke University; Ph.D., University of Virginia.

Kurt F. Leidecker, B.A., A.M., Ph.D.
*Professor Emeritus of Philosophy*
B.A., A.M., Oberlin College; Ph.D., University of Chicago.

Almont Lindsey, B.S., M.A., Ph.D.
*Professor Emeritus of History*
B.S., Knox College; M.A., Ph.D. University of Illinois.

George E. Luntz, B.M., M.M., Ph.D.
*Professor Emeritus of Music*
B.M., M.M., Dana School of Music, Ph.D., State University of Iowa.

Clifton B. McIntosh, A.B., M.A., Ph.D.
*Professor Emeritus of Modern Foreign Languages*
A.B., Duke University; M.A., Ph.D. University of Virginia.

Fred E. Miller, A.B., M.A.
*Associate Professor Emeritus of Economics*
A.B., M.A., Colorado State College of Education.

Claudia M. Read, B.S., M.A.
*Professor Emeritus of Health, Physical Education and Recreation*
B.S., Woman's College of the University of North Carolina; M.A., New York University.

Carmen L. Rivera, B.A., M.A., Ph.D.
*Professor Emeritus of Modern Foreign Languages*
B.A., University of Puerto Rico; M.A., Florida State College for Women; Ph.D., University of Salamanca.

Raiford E. Sumner, B.A., M.A., Ph.D.
*Professor Emeritus of Political Science*
B.A., University of Tennessee; M.A., University of Mississippi; Ph.D., Louisiana State University.

Dorothy D. Van Winckel, B.S., M.A.
*Professor Emeritus of Art*
B.S., University of Tennessee; M.A., Peabody College.

Reginald W. Whidden, B.A., M.A., Ph.D.
*Professor Emeritus of English*
B.A., M.A., McMaster University; Ph.D., Yale University.

Edgar E. Woodward, B.S.
*Professor Emeritus, Comptroller*
B.S., Ohio State University.

# Faculty[1]

John M. Albertine, A.B., Ph.D. (1975, 1969)
*Associate Professor of Economic and Political Science*
A.B., King's College; Ph.D., University of Virginia.

Phillip J. Allen, A.B., M.A., B.D., Ph.D. (1947, 1947)
*Professor of Sociology and Anthropology*
A.B., Ohio Northern University; M.A., Northwestern University; B.D., Garrett Theological Seminary; Ph.D., The American University.

Edward V. Allison, Jr., B.S. (1974, 1970)
*Associate Professor, Comptroller*
B.S., University of Richmond.

William M. Anderson, Jr., B.S., M.P.A., Ed.D. (1978, 1976)
*Professor, Vice President for Development and Management Information Systems*
B.S., Virginia Commonwealth University; M.P.A., West Virginia College of Graduate Studies; Ed.D., Virginia Polytechnic Institute and State University.

Clavio F. Ascari, Dottore in LL.MM. (1972, 1965)
*Associate Professor of Modern Foreign Languages*
Dottore in Lettere Monderne, Universita Bocconi, Milan

Bulent I. Atalay, B.S., M.S., M.A., Ph.D. (1974, 1966)
*Professor of Physics*
B.S., M.S., Georgetown University; M.A., (By Decree) Oxford University; Ph.D., Georgetown University.

Roger W. Bailey, B.M.E., M.M.S. (1977, 1973)
*Assistant Professor of Music*
B.M.E., Westminster Choir College; M.M.S., Temple University.

James E. Baker, M.S., M.Ed., D.M.A. (1976, 1965)
*Professor of Music*
B.S., M.Ed., Pennsylvania State University; D.M.A., The Catholic University of America.

James M. Baley, B.A., M.A., Ph.D. (1977, 1978)
*Instructor in Philosophy*
B.A., University of Connecticut; M.A., University of Miami; Ph.D., University of North Carolina.

Charles D. Balthis, B.A., M.S.L.S. (1969, 1969)
*Instructor, Head Cataloguer, Librarian*
B.A., Randolph-Macon; M.S.L.S., Catholic University of America.

[1]The first date indicates the year when the present rank was attained; the second date the year when the individual was first appointed to the staff.

Mary C. Banks, B.S., M.A. (1977, 1977)
*Lecturer, Advising Counselor*
B.S., M.A., Virginia Polytechnic Institute and State University.

Michael L. Bass, A.A., B.S., M.S., Ph.D. (1977, 1968)
*Associate Professor of Biology*
A.A., Clinch Valley College; B.S., Virginia Polytechnic Institute; M.S., Medical College of Virginia; Ph.D., Virginia Polytechnic Institute and State University.

J. Christopher Bill, A.B., M.S., Ph.D. (1972, 1972)
*Assistant Professor of Psychology*
A.B., College of the Holy Cross; M.S., University of Bridgeport; Ph.D., Dartmouth College.

Samuel O. Bird, B.S., M.S., Ph.D. (1968, 1962)
*Professor of Geology*
B.S., Marshall College; M.S., University of Wisconsin; Ph.D., University of North Carolina.

Juliette B. Blessing (1968, 1957)
*Associate Professor of Modern Foreign Languages*
Licence-des-Lettres. University of Lille; Diplome d'Ecole des Science Politiques, University of Paris; Diplome d'Etudes Superieures, University of Paris.

Roger J. Bourdon, B.S., M.S., Ph.D. (1975, 1968)
*Professor of History*
B.S., Loyola University; M.A., Ph.D., University of California at Los Angeles.

Marshall E. Bowen, B.Ed., M.A., Ph.D. (1975, 1965)
*Professor of Geography*
B.Ed., Plymouth Teachers College; M.A., Kent State University; Ph.D., Boston University.

Joseph Bozicevic, B.S., M.A., Ph.D. (1973, 1961)
*Professor of Modern Foreign Languages*
B.S., Juniata College; M.A., Middlebury College; Ph.D., Georgetown University.

Jeffrey M. Brookstone, B.A., M.A., Ph.D. (1978, 1978)
*Assistant Professor of Economics & Political Science*
B.A., George Washington University; M.A., Indiana University; Ph.D., George Washington University.

Dale A. Brown, B.A., M.S., Ph.D. (1977, 1973)
*Associate Professor of Mathematics, Statistics and Computer Science, Director of Institutional Studies*
B.A., Hiram College; M.S., Ph.D., Syracuse University.

Nathaniel H. Brown, A.B., M.A., Ph.D. (1972, 1961)
*Professor of English*
A.B., Princeton University; M.A., Syracuse University; Ph.D., Columbia University.

Sandra G. Brown, B.A., M.S.L.S. (1974, 1974)
*Instructor, Periodicals Librarian*
B.A., Hiram College; M.S.L.S., Syracuse University.

Yorke J. Brown, B.S. (1978, 1978)
*Instructor in Physics*
B.S., Virginia Polytechnic Institute & State University.

Kent W. Butzine, B.A., M.A., Ph.D. (1971, 1971)
*Assistant Professor of Psychology*
B.A., Northwestern University; M.A., Ph.D., University of North Carolina.

David W. Cain, A.B., B.D., M.A., Ph.D. (1978, 1970)
*Associate Professor of Religion*
A.B., Princeton University; B.D., Yale University; M.A., Ph.D., Princeton University.

Otho C. Campbell, B.A., M.A. (1972, 1968)
*Assistant Professor of History*
B.A., Richmond College; M.A., The American University.

L. Clyde Carter, Jr., B.A., M.Div., Ph.D. (1966, 1948)
*Professor of Sociology and Anthropology*
B.A., Carson-Newman College; M.Div., Union Theological Seminary; Ph.D., Yale University.

Jeanne D. Chalifoux (1963, 1963)
*Instructor in Music*
Graduate, Curtis Institute of Music.

Elizabeth A. Clark, A.B., M.A., Ph.D. (1973, 1964)
*Professor of Religion*
A.B., Vassar College; M.A., Ph.D., Columbia University.

Juanita H. Clement, B.A., M.A. (1973, 1969)
*Associate Professor of Health, Physical Education and Recreation, Dean of Student Services*
B.S., Radford College; M.A., George Peabody College.

Janet F. Cobb, B.A., M.A. (1969, 1969)
*Assistant Professor of Philosophy*
B.A., Leeds University; M.A., Bedford College, University of London.

Joseph L. Conroy, A.B., M.A., Ph.D. (1977, 1977)
*Assistant Professor of Mathematics, Statistics and Computer Science*
A.B., Providence College; M.A., Ph.D., Duke University.

Renna H. Cosner, A.B., A.M.L.S. (1976, 1969)
*Instructor, Acquisition Librarian*
A.B., Randolph-Macon Woman's College; A.M.L.S., University of Michigan.

Herbert L. Cover, B.S., M.S., Ph.D. (1966, 1949)
*Professor of Chemistry*
B.S., M.S., Ph.D., University of Virginia.

William B. Crawley, Jr., B.A., M.A., Ph.D. (1975, 1970)
*Associate Professor of History*
B.A., Hampden-Syndey College; M.A., Ph.D., University of Virginia.

Judith A. Crissman, B.A., Ph.D. (1973, 1968)
*Associate Professor of Chemistry*
B.A., Thiel College; Ph.D., University of North Carolina.

James H. Croushore, B.A., M.A., Ph.D. (1957, 1947)
*Professor of English, Dean of the College*
B.A., M.A., Lehigh University; Ph.D., Yale University.

John F. Cushman, Jr., B.A. (1976, 1975)
*Instructor in Economics and Political Science*
B.A., University of Virginia.

Daniel A. Dervin, B.S., M.A., Ph.D. (1974, 1967)
*Associate Professor of English*
B.S., Creighton University; M.A., Ph.D., Columbia University.

Joseph C. DiBella, B.A., M.A., M.F.A. (1977, 1977)
*Assistant Professor of Art*
B.A., Rutgers College; M.A., M.F.A., Northern Illinois University; Certificate, Art Instruction Schools.

G. Forrest Dickinson, Jr., B.A. (1974, 1974)
*Instructor, Assistant Dean of Admissions and Financial Aid*
B.A., Washington and Lee University.

Melissa A. Dowd, B.A. (1976, 1976)
*Lecturer, Assistant Dean of Admissions and Financial Aid*
B.A., Mary Washington College.

Joseph G. Dreiss, B.A., M.A. (1976, 1976)
*Instructor in Art*
B.A., Fairleigh Dickinson University; M.A., Rutgers University.

Mildred A. Droste, B.S., M.Ed. (1967, 1954)
*Associate Professor of Health, Physical Education and Recreation*
B.S., Longwood College; M.Ed., Woman's College of University of North Carolina.

Albert G. Duke, A.B., M.A. (1969, 1952)
*Associate Professor of Speech*
A.B., M.A., Syracuse University.

Samuel T. Emory, Jr., A.B., M.A., Ph.D. (1968, 1959)
*Professor of Geography*
A.B., M.A., University of North Carolina; Ph.D., University of Maryland.

Lewis P. Fickett, Jr., A.B., L.L.B., M.P.A., Ph.D. (1968, 1963)
*Professor of Economics and Political Science*
A.B., Bowdoin College; L.L.B., M.P.A., Ph.D., Harvard University.

Martha V. Fickett, B.A., M.M. (1972, 1968)
*Instructor in Music*
B.A., Mary Washington College; M.M., University of Michigan.

Earl D. Fife, B.S., M.A., Ph.D. (1977, 1977)
*Assistant Professor in Mathematics, Statistics and Computer Science*
B.S., Milligan College; M.A., University of North Carolina; Ph.D., Wesleyan University.

Victor A. Fingerhut, B.A., M.A. (1971, 1967)
*Associate Professor of Economics and Political Science*
B.A., M.A., Yale University.

Delmont F. Fleming, B.A., M.A., Ph.D. (1978, 1966)
*Professor of English*
B.A., Eastern Baptist College; M.A., Ph.D., University of Pennsylvania.

Ruth T. Friedman, B.S., Ph.D. (1972, 1967)
*Associate Professor of Biology*
B.S., Ph.D., Medical College of Virginia.

Stephen W. Fuller, B.S., Ph.D. (1977, 1972)
*Associate Professor of Biology*
B.S., Cornell University; Ph.D., University of New Hampshire.

Constance A. Gallahan, B.S., M.S. (1977, 1977)
*Instructor in Health, Physical Education and Recreation*
B.S., Longwood College; M.S., University of Tennessee.

John K. George, A.B., M.S., Ph.D. (1976, 1967)
*Associate Professor of Chemistry*
A.B., Columbia College; M.S., University of Connecticut; Ph.D., University of Virginia.

Donald E. Glover, B.A., M.A., Ph.D. (1973, 1961)
*Professor of English*
B.A., College of William and Mary; M.A., Ph.D., University of Virginia.

Roy M. Gordon, B.A., M.S. (1978, 1977)
*Associate Professor of Health, Physical Education and Recreation*
B.A., Harpur College of the State University of New York; M.S., Springfield College.

James B. Gouger, B.A., M.A., Ph.D. (1978, 1969)
*Associate Professor of Geography*
B.A., Montclair State College; M.A., Ph.D., University of Florida.

Jean C. Graham, B.A., M.M. (1977, 1977)
*Instructor in Dramatic Arts and Dance*
B.A., Mary Washington College; M.M., Florida State University.

Roy F. Gratz, B.S., M.A., Ph.D. (1975, 1975)
*Assistant Professor of Chemistry*
B.S., University of Pittsburgh; M.A., Ph.D., Duke University.

Kathleen H. Gray, B.S. (1974, 1971)
*Assistant Professor of Dramatic Arts and Dance*
B.S., The Juilliard School.

Miriam J. Greenberg, B.S., M.Ed. (1967, 1953)
*Associate Professor of Health, Physical Education and Recreation*
B.S., M.Ed., University of Maryland.

Anne F. Hamer, B.M., M.M. (1969, 1944)
*Associate Professor of Music*
B.M., University of Michigan; M.M., The Catholic University of America.

Susan J. Hanna, B.A., M.A., Ph.D. (1972, 1968)
*Associate Professor of English*
B.A., Ohio State University; M.A., Ph.D., University of Michigan.

Richard E. Hansen, B.A., M.A., Ph.D. (1976, 1966)
*Associate Professor of English*
B.A., M.A., Ph.D., Duke University.

Teruo Hara, B.A., M.A. (1972, 1968)
*Associate Professor of Art*
B.A., M.A., Tokyo Kyoiko University.

Anna Mae Harris, B.A., M.A. (1963, 1958)
*Associate Professor of Mathematics, Statistics and Computer Science*
B.A., Mary Washington College; M.A., University of Virginia.

Diane F. Hatch, A.B., M.A., Ph.D. (1972, 1966)
*Assistant Professor of Classics*
A.B., Sweet Briar College; M.A., Ph.D., University of North Carolina.

Haydar, Sonja D. (1974, 1968)
*Assistant Professor of Dramatic Arts and Dance*
Professional Dance Certificate; Zagreb State Opera Ballet School, Yugoslavia; diploma, Meister Staten Fur Tranz, Berlin, Germany; Mozarteum Conservatory of Music, Salzburg, Austria.

Edward H. Hegmann, II, B.S., M.S., Ed.D. (1978, 1976)
*Associate Professor of Health, Physical Education and Recreation*
B.S., Bucknell University; M.S., Springfield College; Ed.D., Temple University.

Rosemary H. Herman, A.B., M.A. (1969, 1950)
*Associate Professor of Modern Foreign Languages*
A.B., Woman's College of the University of North Carolina; M.A., University of North Carolina.

Margaret M. Hofmann, A.B., M.A., Ph.D. (1973, 1963)
*Professor of Modern Foreign Languages*
A.B., Wellesley College; M.A., University of New Hampshire; Ph.D., University of Kansas.

Miriam B. Hoge, A.B., M.A., Ph.D. (1967, 1956)
*Professor of Modern Foreign Languages*
A.B., Randolph-Macon Woman's College; M.A., University of Pennsylvania.

Joseph E. Holmes, B.S., M.S., Ed.D. (1974, 1968)
*Associate Professor of Education*
B.S., M.S., State University of New York at New Paltz; Ed.D., University of Virginia.

Neil R. Howard, B.A., M.F.A. (1977, 1975)
*Assistant Professor of Dramatic Arts and Dance*
B.A., Keene State College; M.F.A., Smith College.

John P. Johnson, B.S., M.F.A. (1976, 1968)
*Instructor in Education*
B.S., Virginia State College; M.F.A., Howard University.

Rose Mary Johnson, A.B., M.A., Ph.D. (1972, 1962)
*Professor of Biology*
A.B., Hood College; M.A., Ph.D., University of Virginia.

Thomas L. Johnson, B.A., M.A., Ph.D. (1973, 1959)
*Professor of Biology*
B.A., Lynchburg College; M.A., Ph.D., University of Virginia.

Stephen A. Jones, B.A. (1976, 1976)
*Lecturer, Assistant Dean of Admissions and Financial Aid*
B.A., Mary Washington College.

Mary A. K. Kelly, B.A., M.A. (1974, 1947)
*Professor of Psychology, Director of the Counseling Center*
B.A., Mary Washington College; M.A., Ohio State University.

Walter B. Kelly, B.S., M.A., Ph.D. (1967, 1947)
*Professor of English*
B.S., Ursinus College; M.A., Ph.D., University of Pennsylvania.

J. William Kemp, Jr., B.A., M.A., Ph.D. (1977, 1970)
*Associate Professor of English*
B.A., Millsaps College; M.A., Mississippi State University; Ph.D., University of South Carolina.

Roger L. Kenvin, A.B., M.A., M.F.A., D.F.A., (1972, 1959)
*Professor of Dramatic Arts & Dance*
A.B., Bowdoin College; M.A., Harvard University; M.F.A., D.F.A., Yale University.

Pauline G. King, B.S., M.A., Ph.D. (1966, 1950)
*Professor of Art*
B.S., Mary Washington College; M.A., George Peabody College; Ph.D., University of Chicago.

Meg S. Kintzing, B.S.P.E., M.Ed. (1978, 1975)
*Assistant Professor of Health, Physical Education and Recreation*
B.S.P.E., M.Ed., Western Maryland College.

Jan S. Kourouklis, B.A., M.A. (1977, 1977)
*Instructor in Music*
B.A., Occidental College; M.A., Arizona State University.

John M. Kramer, B.A., M.A., Ph.D. (1977, 1971)
*Associate Professor of Economics and Political Science*
B.A., LaSalle College; M.A., Ph.D., University of Virginia.

Richard J. Krickus, B.A., M.A., Ph.D. (1978, 1970)
*Professor of Economics and Political Science*
B.A., College of William and Mary; M.A., University of Massachusetts; Ph.D., Georgetown University.

John L. Lamph, A.A., B.A., M.F.A. (1974, 1969)
*Associate Professor of Art*
A.A., Fullerton Junior College; B.A., California State College at Fullerton; M.F.A., Claremont Graduate School.

Stephen J. Larson, B.A., M.S., M.F.A. (1977, 1977)
*Assistant Professor of Dramatic Arts and Dance*
B.A., Fort Hays Kansas State College; M.S., Emporia Kansas State College; M.F.A., Tulane University.

Bernard C. Lemoine, B.M., M.M., Ph.D. (1977, 1965)
*Professor of Music*
B.M., Oberlin Conservatory of Music; M.M., University of Illinois; Ph.D., The Catholic University of America.

Alexander J. Lindsey, B.S., M.S., M.A., Ph.D. (1974, 1971)
*Associate Professor of Mathematics, Statistics and Computer Science*
B.S., State University College; M.S., M.A., Ph.D., Syracuse University.

Bruce London, B.A., M.A., Ph.D. (1977, 1976)
*Assistant Professor of Sociology and Anthropology*
B.A., Bates College; M.A., Ph.D., University of Connecticut.

Carlton R. Lutterbie, Jr., B.S., M.A., Ph.D. (1976, 1967)
*Associate Professor of English*
B.S., Northwestern University; M.A., Ph.D., University of Chicago.

Jo Ann Lutz, B.A., M.A., Ph.D. (1978, 1978)
*Assistant Professor of Mathematics, Statistics and Computer Science*
B.A., University of Wisconsin; M.A., Ph.D., Duke University.

Bruce D. MacEwen, B.A., M.A., Ph.D. (1973, 1969)
*Associate Professor of Psychology*
B.A., LaVerne College; M.A., University of California at Los Angeles; Ph.D., Arizona State University.

Bernard L. Mahoney, Jr., B.S., M.S., Ph.D. (1973, 1964)
*Professor of Chemistry*
B.S., M.S., Boston College; Ph.D., University of New Hampshire.

John C. Manolis, B.A., M.A., Ph.D. (1977, 1964)
*Associate Professor of Modern Foreign Languages*
B.A., Assumption University; M.A., Florida State University; diploma, Institut de Phonetique University Paris; Ph.D., Florida State University.

Sheila M. McGarr, B.A., M.S.L.S. (1976, 1976)
*Instructor, Reader Services (Circulation), Librarian*
B.A., Merrimack College; M.S.L.S., Catholic University of America.

A. Ray Merchent, B.A., M.Ed. Ed.D. (1974, 1959)
*Professor of Education, Vice President, Director of Continuing Education, Bachelor of Liberal Studies Program*
B.A., Emory and Henry College; M.Ed., Ed.D., University of Virginia.

Sammy R. Merrill, B.A., M.A., Ph.D. (1977, 1973)
*Associate Professor of Modern Foreign Languages*
B.A., Wake Forest University; M.A., Duke University; Ph.D., Cornell University.

Barbara S. Meyer, B.A., M.A., Ph.D. (1977, 1971)
*Associate Professor of Art*
B.A., Trinity University; M.A., University of Maryland; Ph.D., Johns Hopkins University.

Nancy H. Mitchell, B.A., M.A., Ph.D. (1973, 1960)
*Professor of English*
B.A., Swarthmore College; M.A., Yale University; Ph.D., The Catholic University of America.

Sidney H. Mitchell, B.A., M.A., Ph.D. (1967, 1954)
*Professor of English*
B.A., Swarthmore College; M.A., Ph.D., University of Virginia.

Thomas G. Moeller, A.B., M.A., Ph.D. (1973, 1973)
*Assistant Professor of Psychology*
A.B., Marquette University; M.A., Ph.D., University of Iowa.

Paul C. Muick, B.F.A., A.M., Ph.D. (1973, 1964)
*Professor of Art*
B.F.A., Ohio State University; A.M., University of Chicago; Ph.D., Ohio State University.

Vera Niebuhr, B.A., M.A., Ph.D. (1978, 1977)
*Assistant Professor of Modern Foreign Languages*
B.A., Douglass College; M.A., Ph.D., University of Wisconsin.

Nikola M. Nikolic, B.S., M.A., Ph.D. (1974, 1969)
*Professor of Physics*
B.S., Belgrade University; M.A., Ph.D., Columbia University.

Denis Nissim-Sabat, B.A., Ph.D. (1976, 1976)
*Assistant Professor of Psychology*
B.A., Case Western Reserve University; Ph.D., Temple University.

Patricia P. Norwood, B.M., M.M. (1977, 1977)
*Instructor in Music*
B.M., Wheaton College; M.M., University of Texas.

Cornelia D. Oliver, B.A., A.M., Ph.D. (1974, 1958)
*Professor of Art, Assistant Dean of Academic Advising*
B.A., Smith College; A.M., Duke University; Ph.D., The Catholic University of America.

Richard P. Palmieri, B.A., M.A., Ph.D. (1977, 1977)
*Assistant Professor of Geography*
B.S., Boston State; M.A., University of Texas; Ph.D., University of California.

Mary Jo Parrish, B.A., M.A., Ph.D. (1971, 1954)
*Professor of Biology*
B.A., M.A., University of North Carolina; Ph.D., University of Virginia.

Aniano Pena, M.A., Ph.D. (1974, 1974)
*Assistant Professor of Modern Foreign Languages*
M.A., Temple University; Ph.D., University of Pennsylvania.

Patricia J. Pierce, B.A., M.S. (1978, 1966)
*Associate Professor of Mathematics, Statistics and Computer Science*
B.A., University of Colorado; M.S., Oregon State University.

Mary W. Pinschmidt, A.B., A.M., Ph.D. (1975, 1964)
*Associate Professor of Biology*
A.B., Western Maryland College; A.M., Duke University; Ph.D., Medical College of Virginia.

William C. Pinschmidt, Jr., B.S., M.S., Ph.D. (1968, 1952)
*Professor of Biology*
B.S., Mount Union College; M.S., Ohio State University; Ph.D., Duke University.

Mary J. Porter, B.A., M.A., M.S.L.S. (1970, 1970)
*Instructor, Reference Librarian*
B.A., Mary Washington College; M.A., George Washington University; M.S.L.S., Catholic University of America.

Leena K. Puhakka, B.A., M.A., M.A., Ph.D. (1977, 1977)
*Assistant Professor of Psychology*
B.A., Knox College; M.A., M.A., Ph.D., The University of Toledo.

Joanna L. Quann, A.B., M.A. (1978, 1968)
*Assistant Professor of Modern Foreign Languages*
A.B., Wesleyan College; M.A., Duke University.

Alice B. Rabson, A.B., M.S., Ph.D. (1978, 1969)
*Professor of Psychology*
A.B., Cornell University; M.S., Ph.D., Purdue University.

Peggy K. Reinburg, B.A., M.M. (1972, 1966)
*Instructor in Music*
B.A., Mary Washington College; M.M., Northwestern University.

Key S. Ryang, B.A., M.A., Ph.D. (1972, 1968)
*Associate Professor of History*
B.A., Trinity University; M.A., Ph.D., Columbia University.

Robert S. Rycroft, B.A., M.A., Ph.D. (1978, 1977)
*Assistant Professor of Economics & Political Science*
B.A., College of William and Mary; M.A., Ph.D., University of Maryland.

Yvonne M. Sabine, B.A., M.M. (1967, 1967)
*Instructor in Music*
B.A., The American University; M.M., Catholic University of America.

Raman K. Singh, B.A., M.A., Ph.D. (1973, 1967)
*Associate Professor of English*
B.A., St. Stephen's College; M.A., Western Michigan University; Ph.D., Purdue University.

Paul C. Slayton, Jr., B.S., M.Ed., Ed.D. (1974, 1965)
*Professor of Education*
B.S., M.Ed., Ed.D., University of Virginia.

Charles A. Sletten, B.A., A.M., Ph.D. (1967, 1958)
*Professor of Sociology and Anthropology*
B.A., University of Virginia; A.M., Ph.D., Harvard University.

George A. Smerigan, B.A., M.S. (1978, 1976)
*Instructor in Geography*
B.A., M.S., Southern Illinois University.

Brenda V. Smith, B.F.A., M.A., Ed.D. (1977, 1977)
*Assistant Professor of Education*
B.F.A., Virginia Commonwealth University; M.A., Ed.D., Virginia Polytechnical Institute and State University.

Roy H. Smith, B.S., Ph.D. (1974, 1970)
*Associate Professor of Psychology*
B.S., University of Tennessee; Ph.D., University of Pennsylvania.

Zeinab S. Soliman, B.S., M.S. (1978, 1978)
*Instructor in Mathematics, Statistics and Computer Science.*
B.S., Cairo University; M.S., University of Iowa.

Joanne G. Southworth, B.A., Ph.D. (1977, 1972)
*Assistant Professor in Biology*
B.A., Randolph Macon Women's College; Ph.D., Medical College of Virginia.

Mary Ellen Stephenson, B.A., M.A., Ph.D. (1964, 1948)
*Professor of Modern Foreign Languages*
B.A., Westhampton College; M.A., Middlebury College; Ph.D., University of Chicago.

Henry L. Suggs, B.A., M.A., Ph.D. (1978, 1978)
*Assistant Professor of History*
B.A., M.A., North Carolina Central University; Ph.D., University of Virginia.

Laura V. Sumner, A.B., M.A., Ph.D. (1963, 1948)
*Professor of Classics*
A.B., Vassar College; M.A., Ph.D., Johns Hopkins University.

Glen R. Thomas, B.A., M.A., Ph.D. (1974, 1962)
*Professor of American Studies*
B.A., Stanford University; M.A., The American University; Ph.D., Emory University.

Arthur L. Tracy, B.A., M.A., Ph.D. (1975, 1968)
*Associate Professor of History*
B.A., Barrington College; M.A., Ph.D., The American University.

Sister Kathleen A. Tuohey, B.S., M.A., M.A. (1977, 1977)
*Instructor in Classics*
B.S., Saint John's University; M.A., Saint John's School of Arts and Sciences; M.A., University of Notre Dame.

James F. Tucker, B.S., M.S., Ph.D. (1978, 1975)
*Lecturer in Economics and Political Science*
B.S., M.S., Howard University; Ph.D., University of Pennsylvania.

Joseph C. Vance, B.A., M.A., Ph.D. (1967, 1960)
*Professor of History*
B.A., M.A., Ph.D., University of Virginia

George M. Van Sant, A.B., M.A., Ph.D. (1967, 1958)
*Professor of Philosophy*
A.B., St. John's College; M.A., Ph.D., University of Virginia

Jacquelyn M. Vawter, B.S.Ed., M.Ed., Ph.D. (1974, 1972)
*Assistant Professor of Education*
B.S.Ed., Illinois State University; M.Ed., Ph.D., University of Maryland

Judith E. Wahl, B.A., M.L.S. (1974, 1974)
*Instructor, Cataloguer, Librarian*
B.A., M.L.S., State University of New York, Geneseo.

H. Conrad Warlick, B.A., M.A., Ed.D. (1978, 1974)
*Professor of Education, Dean of Admissions and Financial Aid*
B.A., Wake Forest; M.A., University of North Carolina; Ed.D., University of Virginia

Richard H. Warner, A.B., M.A., Ph.D. (1978, 1968)
*Associate Professor of History*
A.B., Dartmouth College; M.A., Ph.D. New York University.

Catherine B. Wegner, B.A., M.S. (1978, 1978)
*Instructor, Assistant Dean of Student Services*
B.A., Newcomb College of Tulane; M.S., American University.

Ruby Y. Weinbrecht, B.A., M.A. (1972, 1972)
*Professor, Librarian*
B.A., Mary Washington College; M.A., George Peabody College.

Roy B. Weinstock, B.A., M.A., Ph.D. (1974, 1968)
*Professor of Psychology*
B.A., Brooklyn College; M.A., Hollins College; Ph.D., Syracuse University.

Margaret H. Williamson, B.A., B. Litt., D. Phil. (1974, 1974)
*Assistant Professor of Sociology and Anthropology*
B.A., Bryn Mawr College; B.Litt., D.Phil., Oxford University.

David E. Winn, A.B., M.A. (1977, 1977)
*Instructor in Classics*
A.B., M.A., College of William and Mary.

Lawrence A. Wishner, B.S., M.S., Ph.D. (1968, 1961)
*Professor of Chemistry*
B.S., M.S., Ph.D., University of Maryland.

Prince B. Woodard, B.A., M.A., Ed.D., L.L.D. (1974, 1974)
*Professor of Education, President*
B.A., Virginia Military Institute; M.A., Ed.D., University of Virginia, L.L.D., West Virginia Wesleyan.

Rebecca T. Woosley, A.B., B.S., M.S. (1963, 1950)
*Associate Professor of Health, Physical Education and Recreation*
A.B., Woman's College of the University of North Carolina; B.S., Mary Washington College; M.S., Louisiana State University.

Janet G. Zeleznock, B.S., M.A. (1975, 1967)
*Associate Professor of Mathematics, Statistics and Computer Science*
B.S., St. Francis College; M.A., Duquesne University.

Benjamin F. Zimdars, B.A., M.A., Ph.D. (1972, 1965)
*Professor of History*
B.A., North Central College; M.A., University of Wisconsin; Ph.D., University of Texas.

Paul M. Zisman, B.A., M.A.T., Ph.D. (1977, 1971)
*Associate Professor of Education*
B.A., College of William and Mary; M.A.T., Howard University; Ph.D., The Catholic University of America.

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# Calendar

## 1978-1979

### First Semester 1978

| | | |
|---|---|---|
| Saturday | August 26 | Residence halls open at 9 a.m. for new students who have not participated in a Pre-College Orientation program. Orientation for this group begins at 1 p.m. |
| Sunday | August 27 | Residence halls open at 9 a.m. for new students who have participated in a Pre-College program. Student Association Orientation for all new students begins at 1 p.m. |
| Monday | August 28 | Residence halls open at 9 a.m. for returning students |
| Monday | August 28 | Registration for late admissions, unregistered returning students, part-time and special students from 3-8 p.m. |
| Tuesday | August 29 | Classes begin |
| Fri.-Sat. | September 22-23 | Family Weekend |
| Friday | October 6 | Mid-semester vacation begins at 5 p.m. Residence halls close at 7 p.m. |
| Wednesday | October 11 | Mid-semester vacation ends at 8 a.m. Residence halls open at 1 p.m., Tuesday, October 10 |
| October 30-November 17 | | Registration for the second semester |
| Wednesday | November 22 | Thanksgiving holiday begins at 12:05 p.m. Residence halls close at 2 p.m. |
| Monday | November 27 | Thanksgiving holiday ends at 8 a.m. Residence halls open at 1 p.m., Sunday, November 26 |
| Fri.-Sat. | December 8-9 | Reading days |
| Mon.-Sat. | December 11-16 | Examinations |
| Saturday | December 16 | Residence halls close at 7 p.m. |

### Second Semester 1979

| | | |
|---|---|---|
| Sunday | January 14 | Residence halls open at 9 a.m. |
| Sunday | January 14 | New student advising registration from 2-5 p.m. |
| Monday | January 15 | Classes begin |
| Friday | March 2 | Spring vacation begins at 5 p.m. Residence halls close at 7 p.m. |
| Monday | March 12 | Classes resume at 8 a.m. Residence halls open at 1 p.m., March 11 |
| | April 2-20 | Registration for the first semester of 1979-80 |
| Fri.-Sat. | April 27-28 | Reading Days |
| Mon.-Sat. | April 30-May 5 | Examinations |
| Saturday | May 5 | Residence halls close at 9 p.m. for students who are not candidates for graduation |
| Saturday | May 12 | Graduation. Residence halls close at 11 p.m. |

### Summer Session 1979

| Term | Registration (4-8 p.m.) | Classes Begin | Examinations |
|---|---|---|---|
| Three-Week | Monday, May 14 | Tuesday, May 15 | Friday, June 1 |
| First Four-Week | Monday, June 4 | Tuesday, June 5 | Friday, June 29 |
| Second Four-Week | Thursday, July 5 | Friday, July 6 (Classes held on Saturday, July 7) | Tuesday, July 31 |

## 1979-80

### First Semester 1979

| | | |
|---|---|---|
| Saturday | August 25 | Residence halls open at 9 a.m. for new students who have not participated in a Pre-College Orientation program. Orientation for this group begins at 1 p.m. |
| Sunday | August 26 | Residence halls open at 9 a.m.for new students who have participated in a Pre-College program. Student Association Orientation for all new students begins at 1 p.m. |
| Monday | August 27 | Residence halls open at 9 a.m. for returning students |
| Monday | August 27 | Registration for late admissions, unregistered returning students, part-time and special students from 3-8 p.m. |
| Tuesday | August 28 | Classes begin |
| Fri.-Sat. | September 21-22 | Family Weekend |
| Friday | October 5 | Mid-semester vacation begins at 5 p.m. Residence halls close at 7 p.m. |
| Wednesday | October 10 | Mid-semester vacation ends at 8 a.m. Residence halls open at 1 p.m. Tuesday, October 9 |
| October 29-November 16 | | Registration for the second semester |
| Wednesday | November 21 | Thanksgiving holiday begins at 12:05 p.m. Residence halls close at 2 p.m. |
| Monday | November 26 | Thanksgiving holiday ends at 8 a.m. Residence halls open at 1 p.m., Sunday, November 25 |
| Fri.-Sat. | December 7-8 | Reading Days |
| Mon.-Sat. | December 10-15 | Examinations |
| Saturday | December 15 | Residence halls close at 7 p.m. |

### Second Semester 1980

| | | |
|---|---|---|
| Sunday | January 13 | Residence halls open at 9 a.m. |
| Sunday | January 13 | New student advising registration from 2-5 p.m. |
| Monday | January 14 | Classes begin |
| Friday | February 29 | Spring vacation begins at 5 p.m. Residence halls close at 7 p.m. |
| Monday | March 10 | Classes resume at 8 a.m. Residence halls open at 1 p.m., March 9 |
| March 31-April 18 | | Registration for the first semester of 1980-81 |
| Fri.-Sat. | April 25-26 | Reading Days |
| Mon.-Sat. | April 28-May 3 | Examinations |
| Saturday | May 3 | Residence halls close at 9 p.m. for students who are not candidates for graduation |
| Saturday | May 10 | Graduation. Residence halls close at 11 p.m. |

**Mary
Washington
College**

Fredericksburg
Virginia
22401